

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026386.D
 Acq On : 28 Jun 2023 09:25
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

Quant Time: Jun 28 23:45:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 05:31:59 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	713946	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	626741	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	308076	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	272906	26.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.240%	
7) Chloroethane-d5	2.899	69	217735	29.530	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.120%	
11) 1,1-Dichloroethene-d2	4.015	65	129343	27.545	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 110.160%#	
21) 2-Butanone-d5	7.081	46	142881	43.832	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 87.660%	
24) Chloroform-d	7.648	84	494771	24.456	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 97.840%	
26) 1,2-Dichloroethane-d4	8.306	65	286305	25.186	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 100.760%	
32) Benzene-d6	8.270	84	983773	25.359	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.440%	
36) 1,2-Dichloropropane-d6	9.270	67	305514	24.236	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 96.960%	
41) Toluene-d8	10.324	98	874163	25.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.960%	
43) trans-1,3-Dichloroprop...	10.574	79	128544	25.398	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.600%	
47) 2-Hexanone-d5	10.922	63	90535	46.765	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.520%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	228277	23.001	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 92.000%	
66) 1,2-Dichlorobenzene-d4	13.848	152	265349	24.737	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	223204	26.008	ug/L	97
3) Chloromethane	2.222	50	290356	23.398	ug/L	98
5) Vinyl chloride	2.375	62	321793	24.940	ug/L	99
6) Bromomethane	2.789	94	187574	26.486	ug/L	95
8) Chloroethane	2.935	64	199204	28.792	ug/L	99
9) Trichlorofluoromethane	3.265	101	230866	25.367	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	246703	25.040	ug/L	97
12) 1,1-Dichloroethene	4.039	96	234455	25.398	ug/L	90
13) Acetone	4.124	43	117259	44.942	ug/L	100
14) Carbon disulfide	4.386	76	782372	23.984	ug/L	99
15) Methyl Acetate	4.667	43	125681	21.012	ug/L	99
16) Methylene chloride	4.917	84	254260	21.045	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	246643	24.308	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	414673	26.130	ug/L	97
19) 1,1-Dichloroethane	6.215	63	504208	23.728	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	267479	24.394	ug/L	96
22) 2-Butanone	7.166	43	168726	42.265	ug/L	99
23) Bromochloromethane	7.514	128	110979	23.597	ug/L	96
25) Chloroform	7.678	83	476521	24.196	ug/L	98

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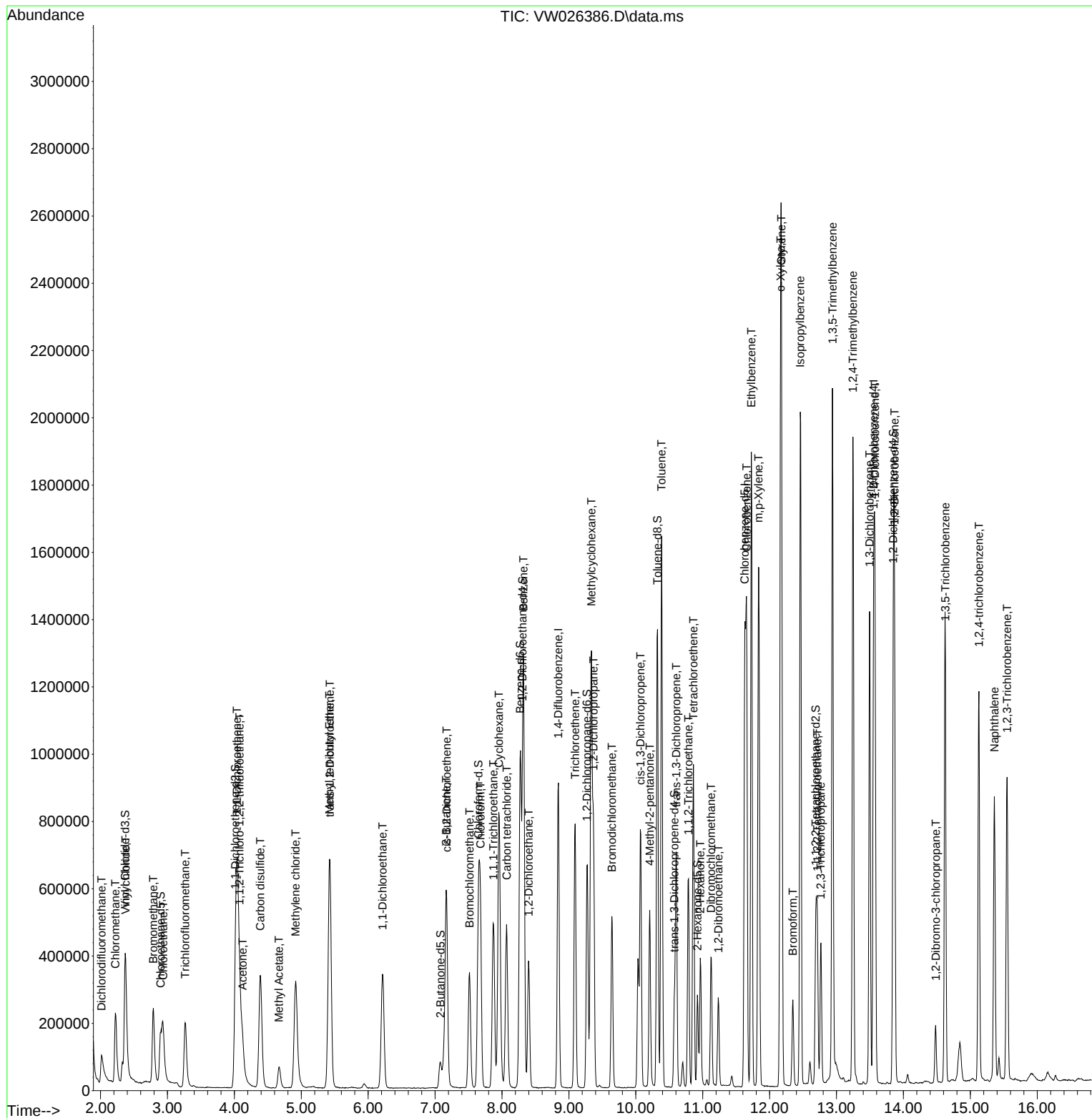
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	350594	24.760	ug/L	97
29) Cyclohexane	7.953	56	492654	27.221	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	395667	26.097	ug/L	99
31) Carbon tetrachloride	8.069	117	349798	25.665	ug/L	99
33) Benzene	8.319	78	1048321	24.763	ug/L	100
34) Trichloroethene	9.093	95	271744	25.070	ug/L	95
35) Methylcyclohexane	9.337	83	509546	27.413	ug/L	97
37) 1,2-Dichloropropane	9.367	63	276362	23.365	ug/L	99
38) Bromodichloromethane	9.642	83	335808	24.723	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	431200	25.445	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	363057	47.555	ug/L	99
42) Toluene	10.385	91	1107079	26.068	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	367117	25.665	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	186029	23.490	ug/L	97
46) Tetrachloroethene	10.861	164	187682	24.577	ug/L	91
48) 2-Hexanone	10.964	43	256730	47.659	ug/L	99
49) Dibromochloromethane	11.123	129	196274	24.204	ug/L	95
50) 1,2-Dibromoethane	11.233	107	174040	23.937	ug/L	99
51) Chlorobenzene	11.653	112	662378	24.452	ug/L	99
52) Ethylbenzene	11.727	91	1247429	26.067	ug/L	100
53) m,p-Xylene	11.836	106	458029	26.244	ug/L	98
54) o-Xylene	12.165	106	439275	26.732	ug/L	97
55) Styrene	12.178	104	747817	26.092	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	227957	23.028	ug/L	99
59) Bromoform	12.348	173	107691	23.107	ug/L	98
60) Isopropylbenzene	12.458	105	1235091	26.674	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	171512	22.902	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1015586	28.295	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	999016	28.858	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	489371	24.676	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	490822	24.730	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	415673	23.533	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	45317	26.255	ug/L	94
69) 1,3,5-Trichlorobenzene	14.628	180	390453	30.639	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	327864	31.437	ug/L	95
71) Naphthalene	15.360	128	699127	33.348	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	280630	28.821	ug/L	99

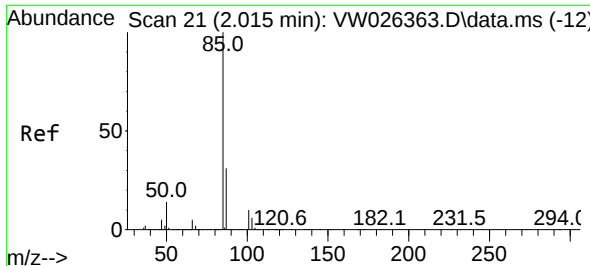
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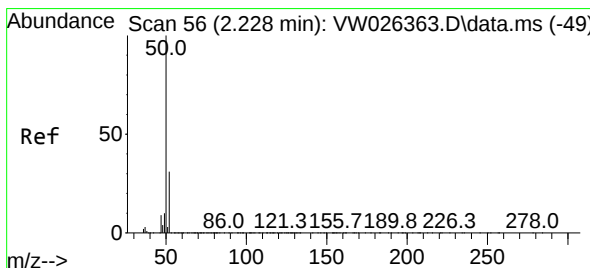
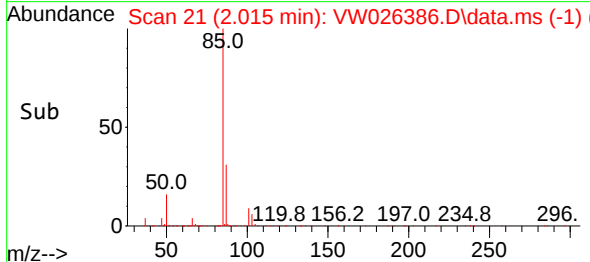
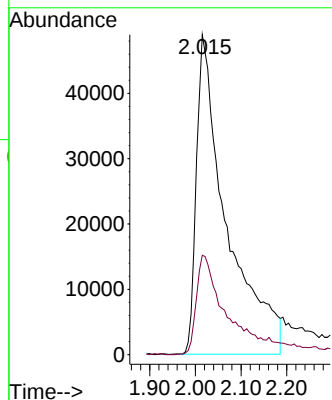
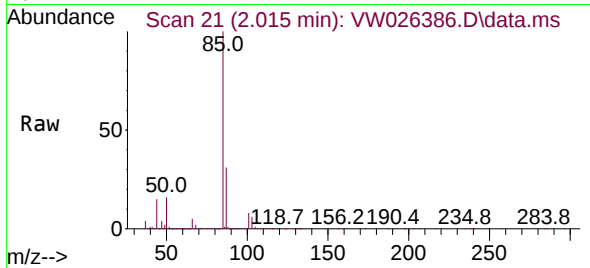




#2
Dichlorodifluoromethane
Concen: 26.008 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

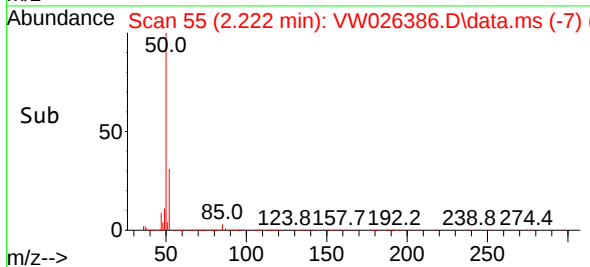
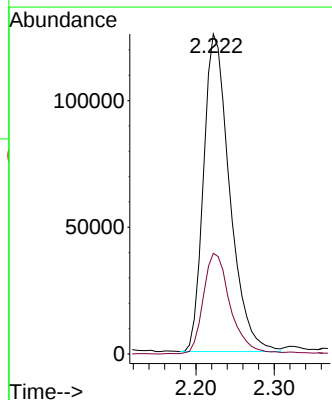
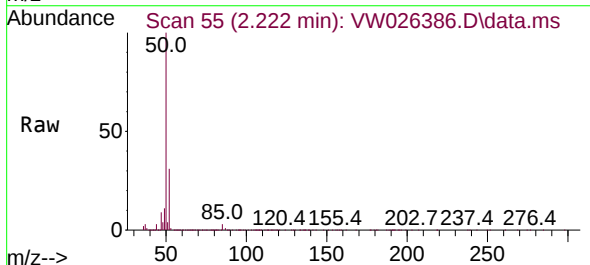
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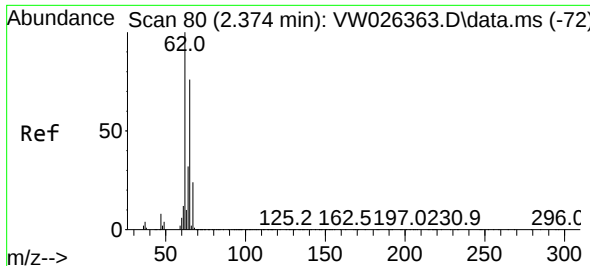
Tgt Ion: 85 Resp: 223204
Ion Ratio Lower Upper
85 100
87 29.8 25.2 37.8



#3
Chloromethane
Concen: 23.398 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Tgt Ion: 50 Resp: 290356
Ion Ratio Lower Upper
50 100
52 31.5 21.4 39.8

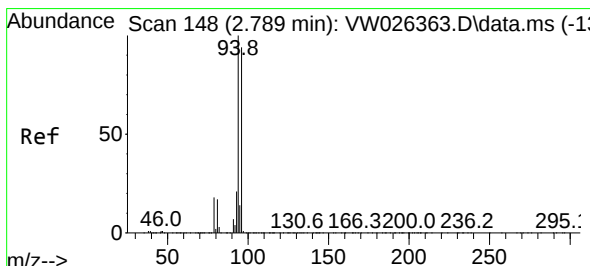
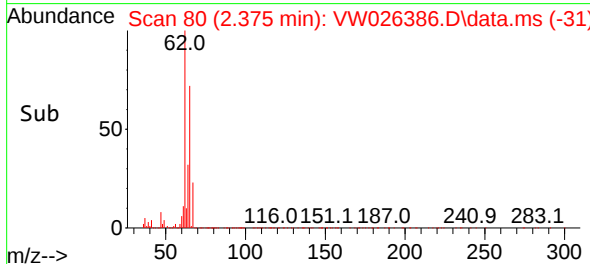
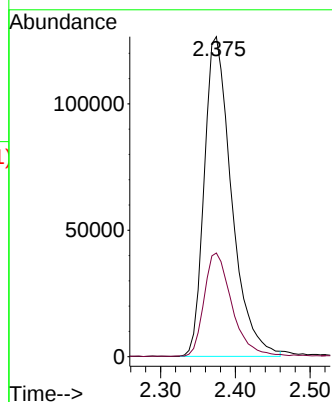
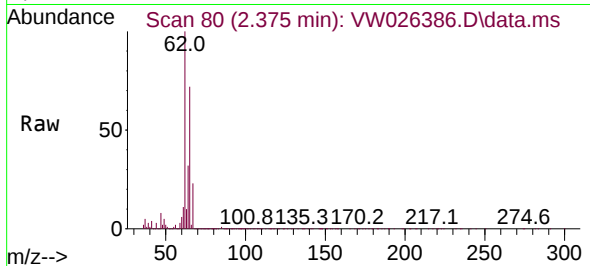




#5
 Vinyl chloride
 Concen: 24.940 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026386.D
 Acq: 28 Jun 2023 09:25

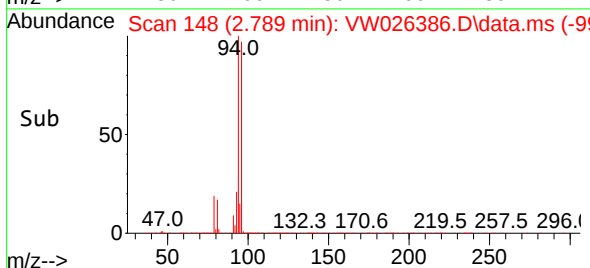
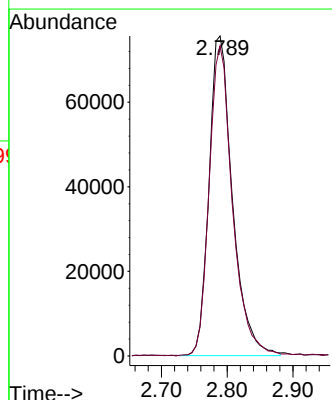
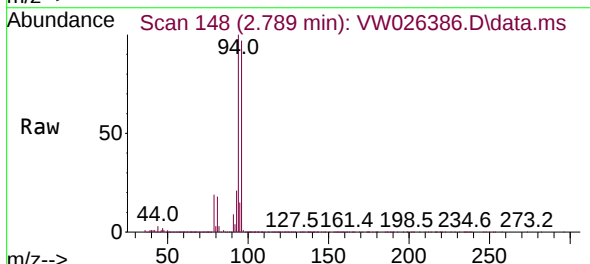
Instrument :
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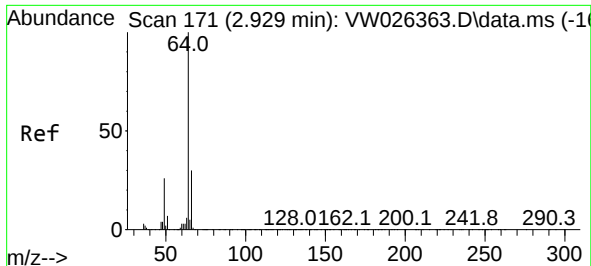
Tgt Ion: 62 Resp: 321793
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.0 42.8



#6
 Bromomethane
 Concen: 26.486 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026386.D
 Acq: 28 Jun 2023 09:25

Tgt Ion: 94 Resp: 187574
 Ion Ratio Lower Upper
 94 100
 96 96.8 64.6 120.0

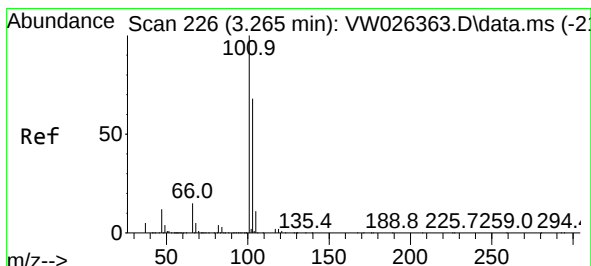
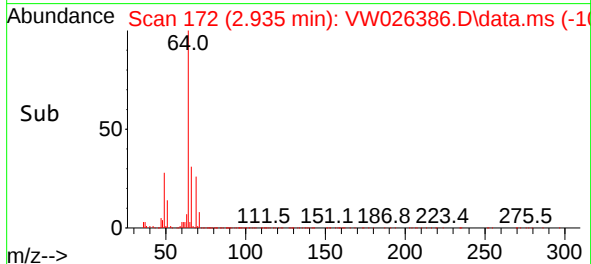
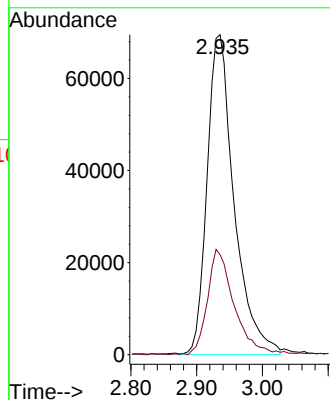
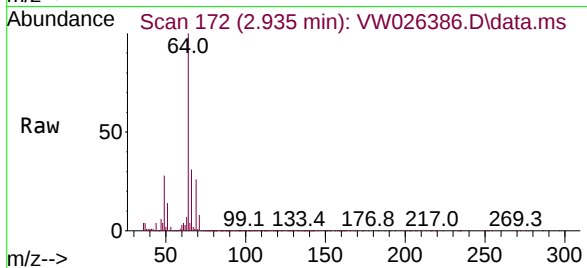




#8
Chloroethane
Concen: 28.792 ug/L
RT: 2.935 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

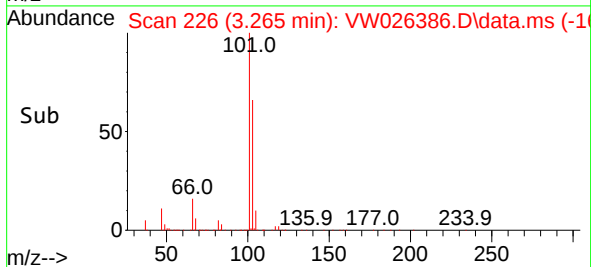
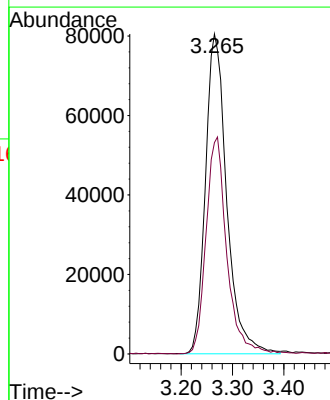
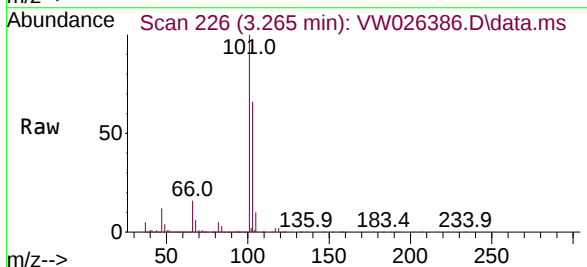
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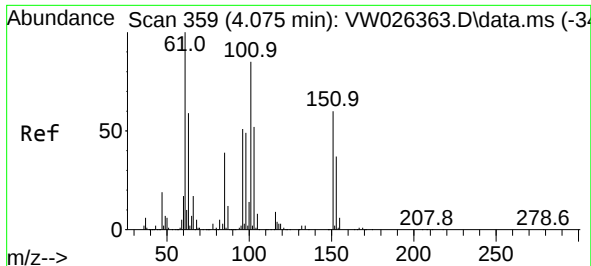
Tgt Ion: 64 Resp: 199204
Ion Ratio Lower Upper
64 100
66 31.3 22.5 41.7



#9
Trichlorofluoromethane
Concen: 25.367 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Tgt Ion: 101 Resp: 230866
Ion Ratio Lower Upper
101 100
103 65.5 52.9 79.3

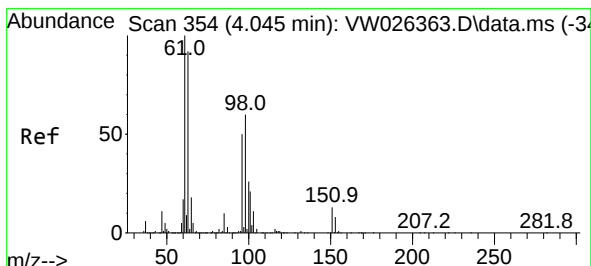
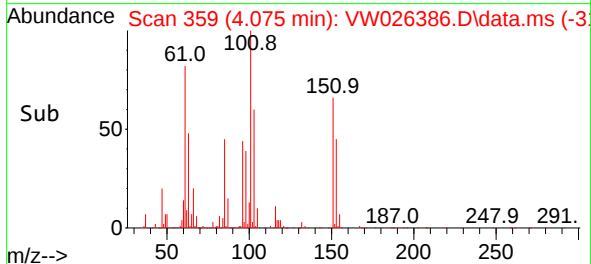
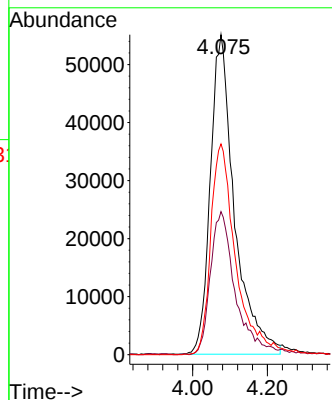
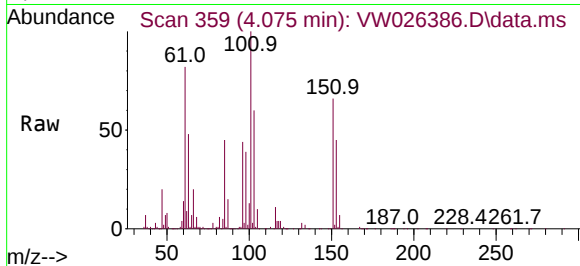




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.040 ug/L
 RT: 4.075 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW026386.D
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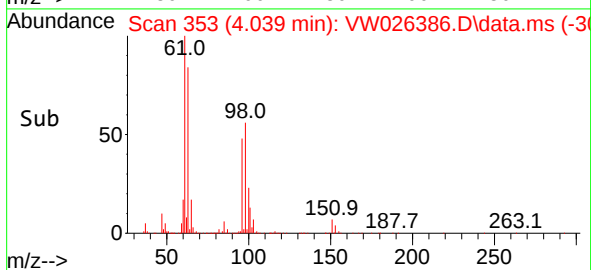
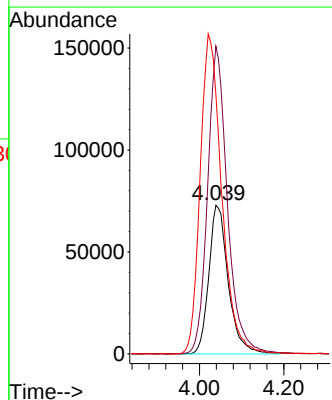
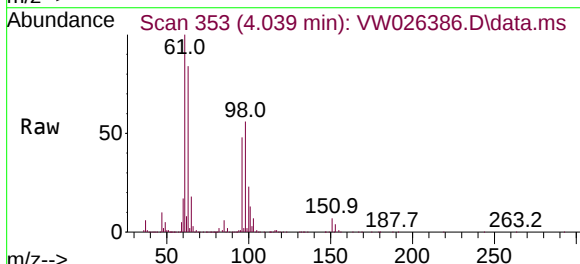
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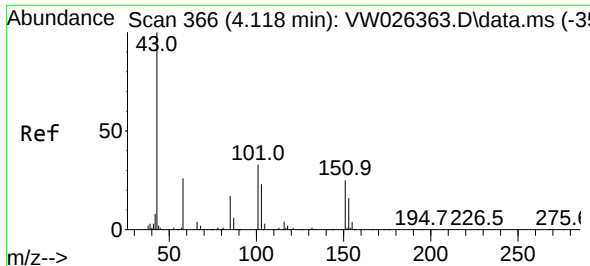
Tgt Ion:101 Resp: 246703
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.4 53.0
 151 66.3 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 25.398 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW026386.D
 Acq: 28 Jun 2023 09:25

Tgt Ion: 96 Resp: 234455
 Ion Ratio Lower Upper
 96 100
 61 206.9 134.3 249.3
 63 174.6 112.3 208.5

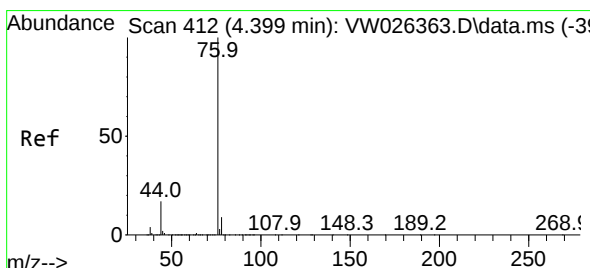
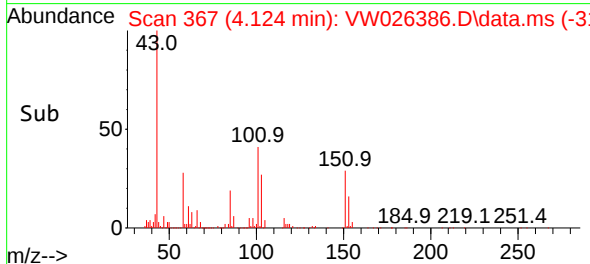
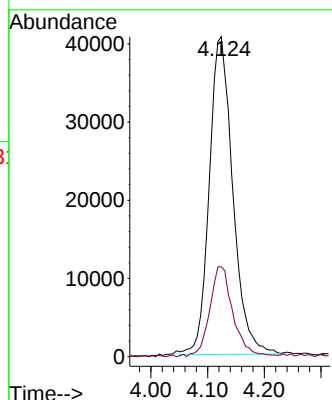
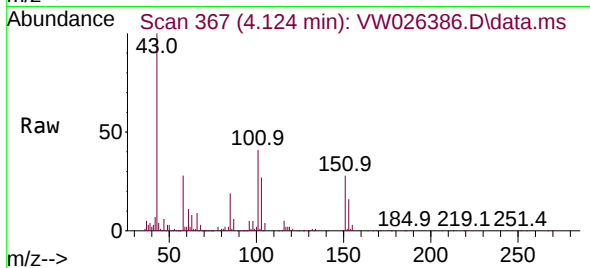




#13
Acetone
Concen: 44.942 ug/L
RT: 4.124 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW026386.D
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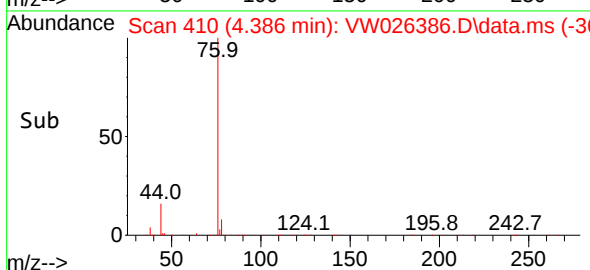
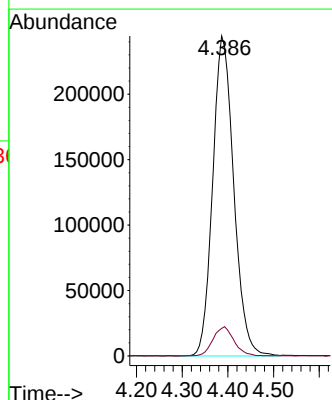
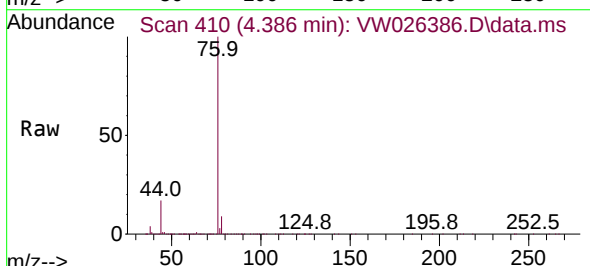
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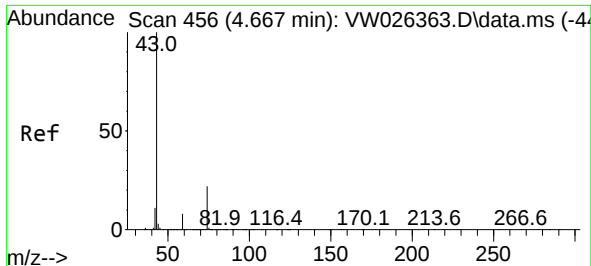
Tgt Ion: 43 Resp: 117259
Ion Ratio Lower Upper
43 100
58 28.0 0.0 55.8



#14
Carbon disulfide
Concen: 23.984 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.012 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Tgt Ion: 76 Resp: 782372
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

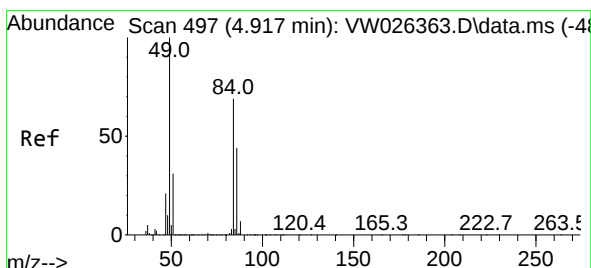
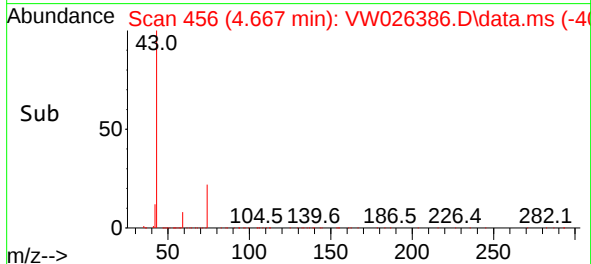
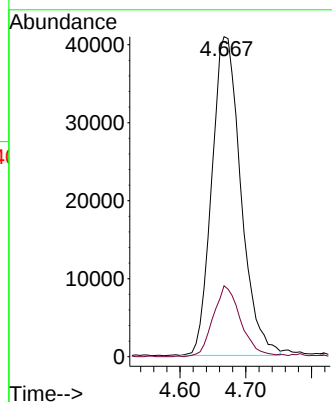
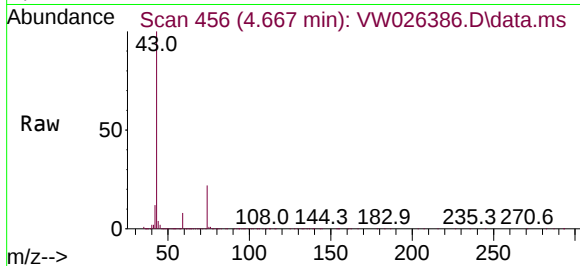




#15
Methyl Acetate
Concen: 21.012 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

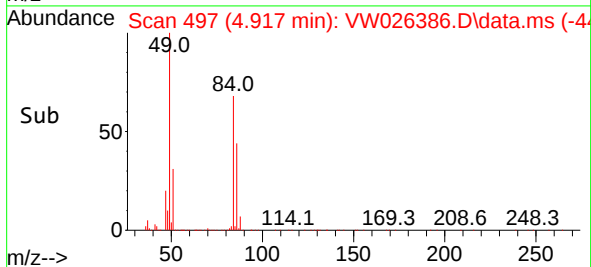
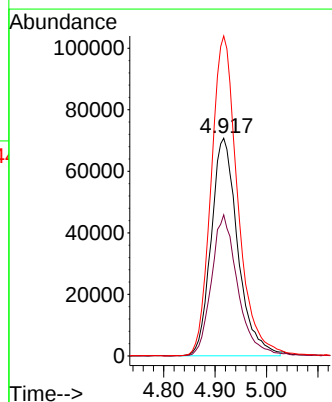
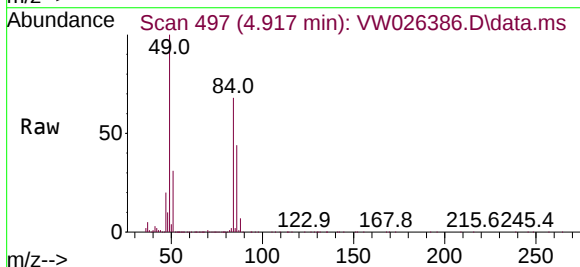
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

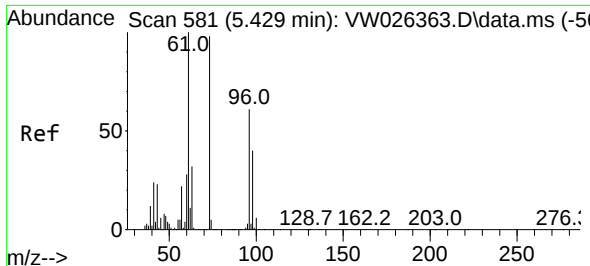
Tgt Ion: 43 Resp: 125681
Ion Ratio Lower Upper
43 100
74 21.1 16.3 24.5



#16
Methylene chloride
Concen: 21.045 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Tgt Ion: 84 Resp: 254260
Ion Ratio Lower Upper
84 100
86 64.8 43.9 81.5
49 146.9 100.4 186.4

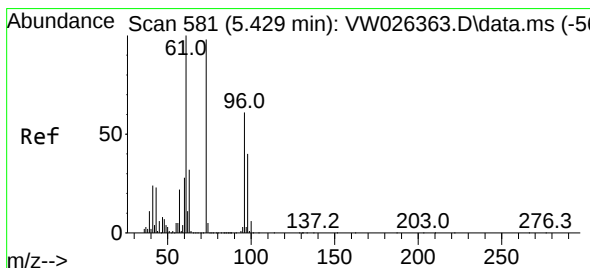
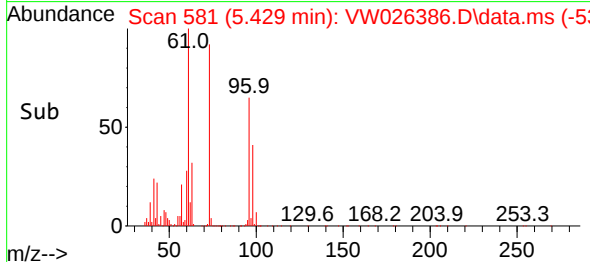
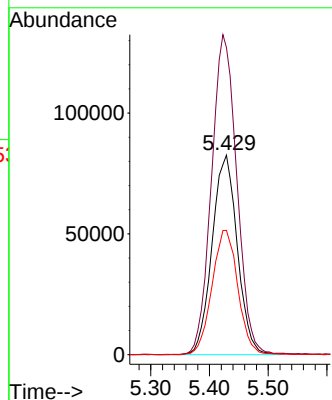
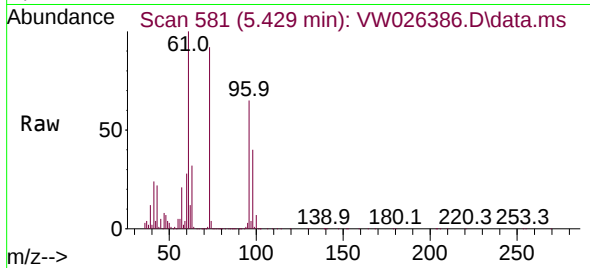




#17
trans-1,2-Dichloroethene
Concen: 24.308 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

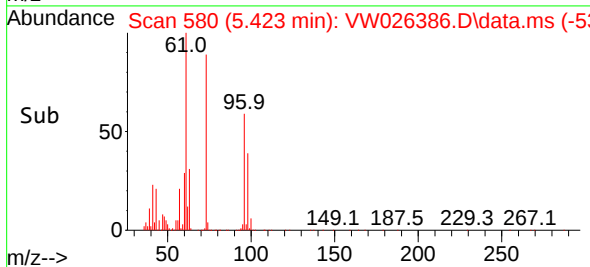
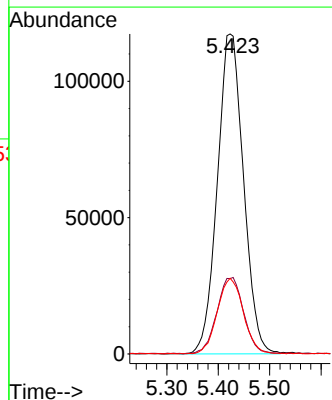
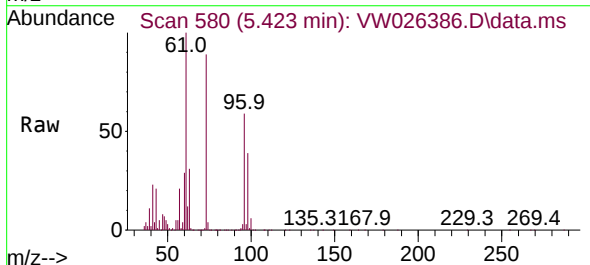
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

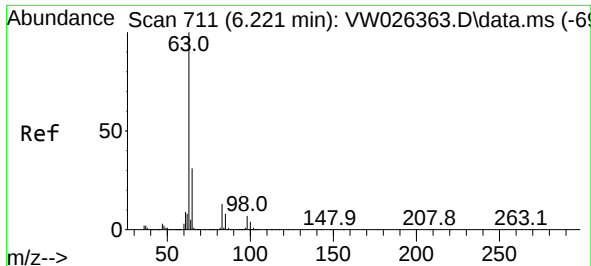
Tgt Ion: 96 Resp: 246643
Ion Ratio Lower Upper
96 100
61 153.9 106.1 197.1
98 62.3 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 26.130 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Tgt Ion: 73 Resp: 414673
Ion Ratio Lower Upper
73 100
43 24.6 18.1 27.1
57 23.5 19.5 29.3





#19

1,1-Dichloroethane

Concen: 23.728 ug/L

RT: 6.215 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

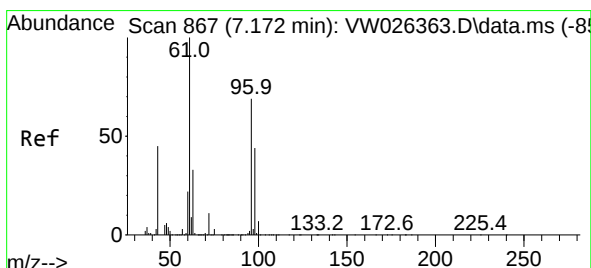
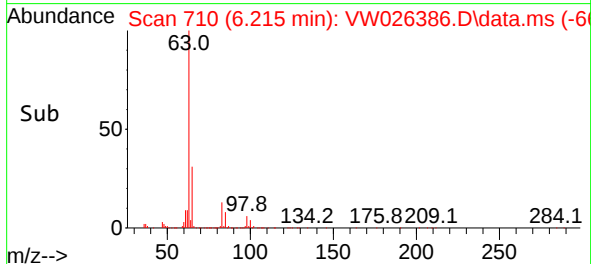
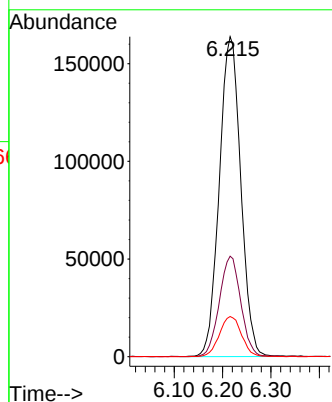
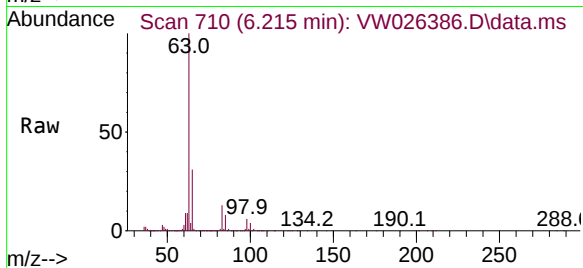
Tgt Ion: 63 Resp: 504208

Ion Ratio Lower Upper

63 100

65 31.4 22.8 42.4

83 12.6 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 24.394 ug/L

RT: 7.172 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

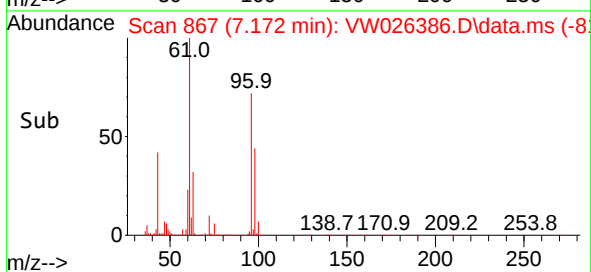
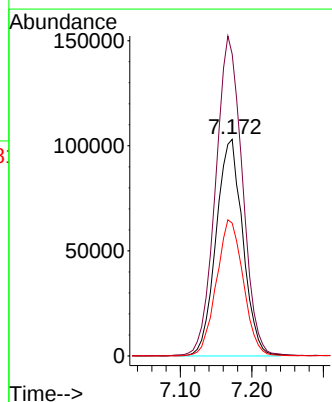
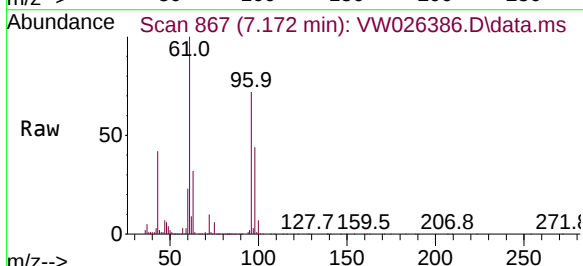
Tgt Ion: 96 Resp: 267479

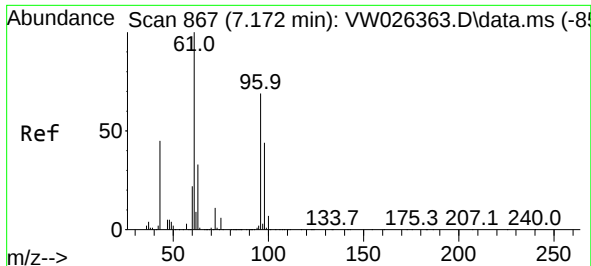
Ion Ratio Lower Upper

96 100

61 139.3 100.8 187.2

98 61.3 45.7 84.9

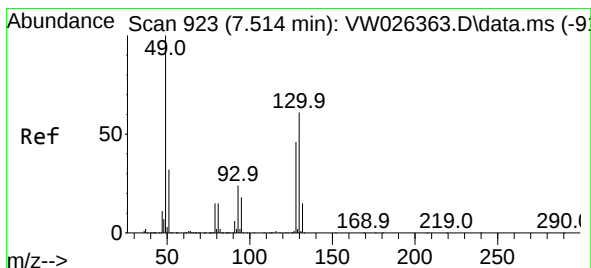
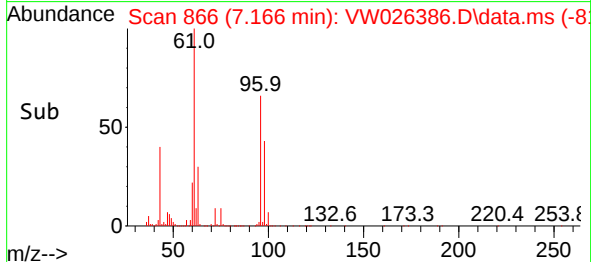
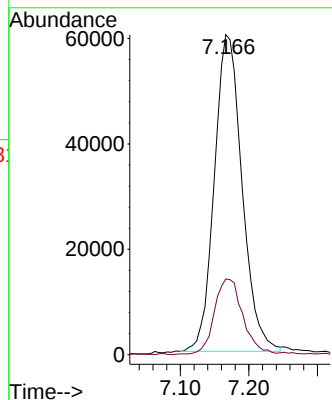
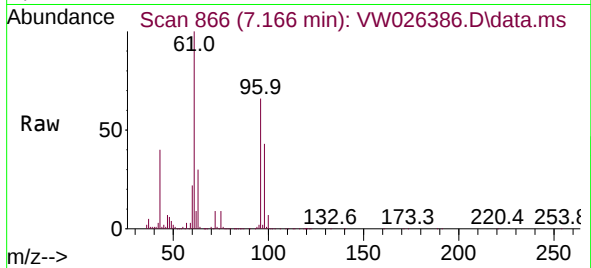




#22
2-Butanone
Concen: 42.265 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

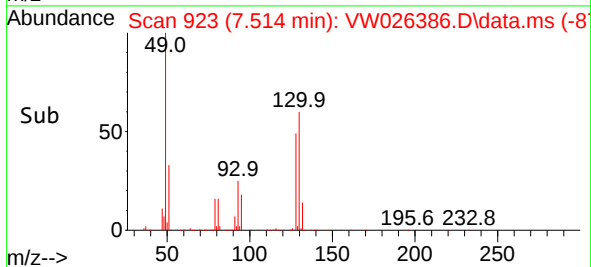
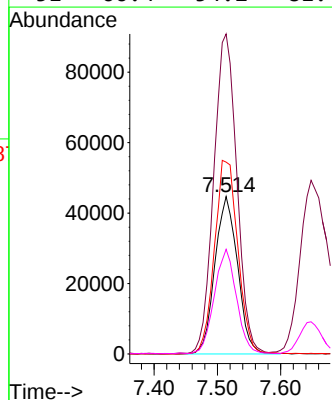
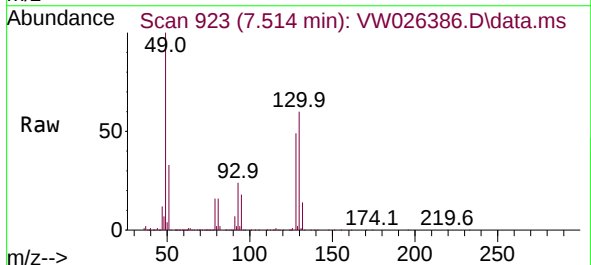
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

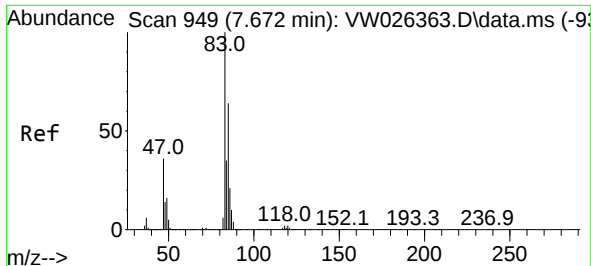
Tgt Ion: 43 Resp: 168726
Ion Ratio Lower Upper
43 100
72 24.1 11.8 35.3



#23
Bromochloromethane
Concen: 23.597 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Tgt Ion: 128 Resp: 110979
Ion Ratio Lower Upper
128 100
49 203.3 148.5 275.9
130 121.9 82.6 153.4
51 66.4 54.2 81.4

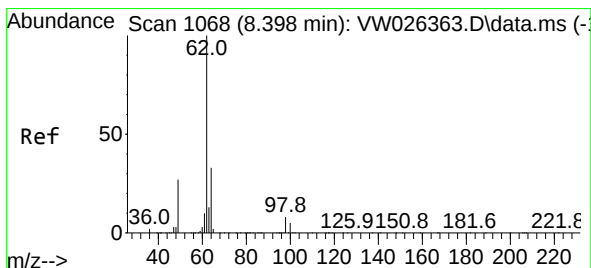
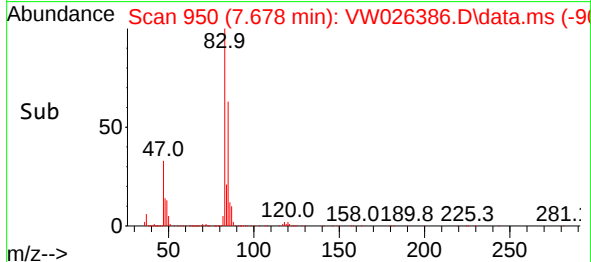
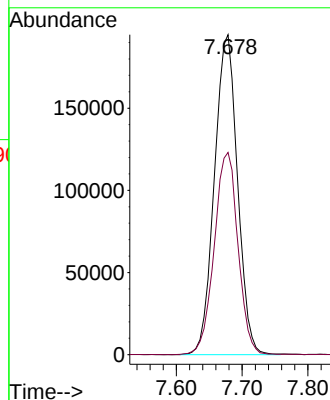
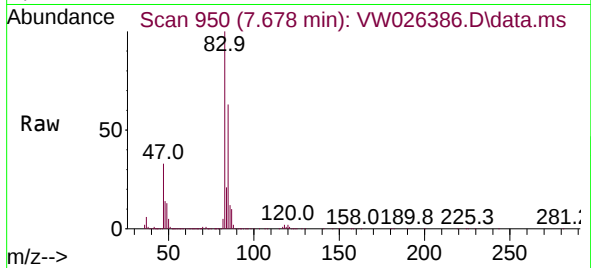




#25
Chloroform
Concen: 24.196 ug/L
RT: 7.678 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

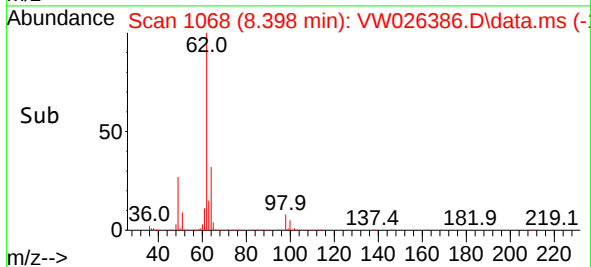
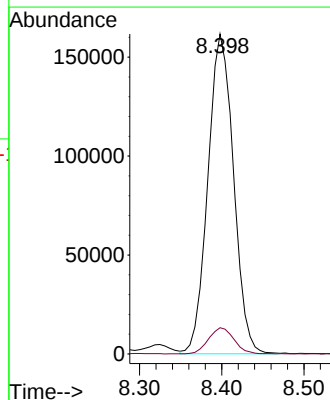
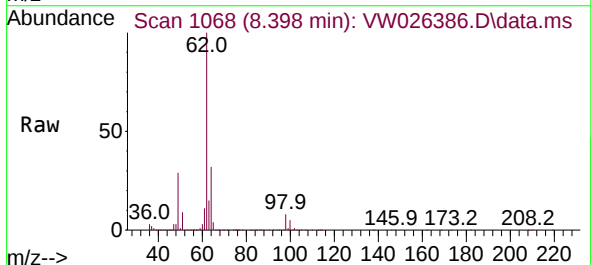
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

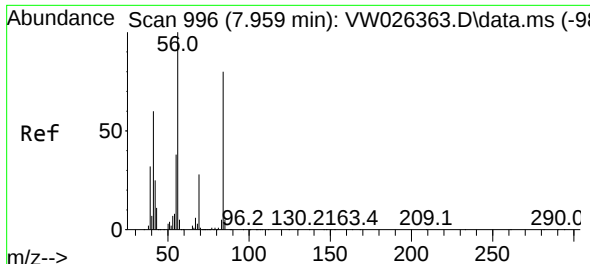
Tgt Ion: 83 Resp: 476521
Ion Ratio Lower Upper
83 100
85 63.2 45.3 84.1



#27
1,2-Dichloroethane
Concen: 24.760 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Tgt Ion: 62 Resp: 350594
Ion Ratio Lower Upper
62 100
98 8.2 7.5 11.3





#29

Cyclohexane

Concen: 27.221 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

Instrument :

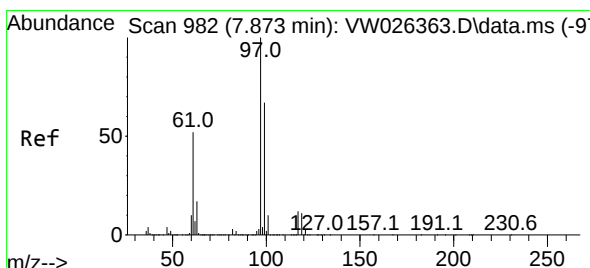
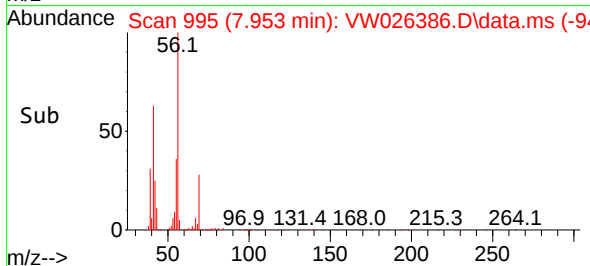
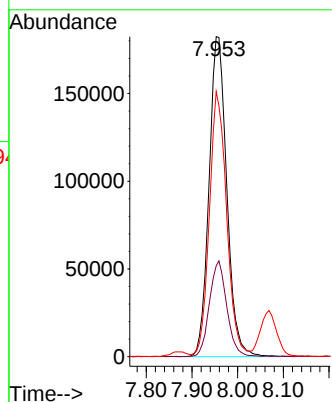
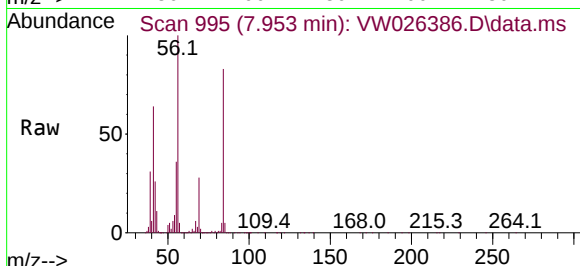
MSVOA_W

ClientSampleId :

VSTD025539

Tgt Ion: 56 Resp: 492654

Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.0	34.4
84	80.4	63.4	95.0



#30

1,1,1-Trichloroethane

Concen: 26.097 ug/L

RT: 7.874 min Scan# 982

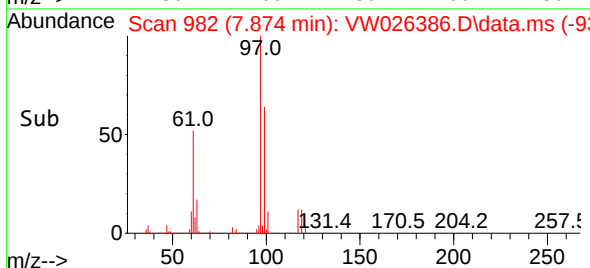
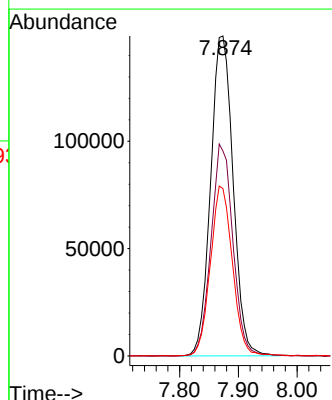
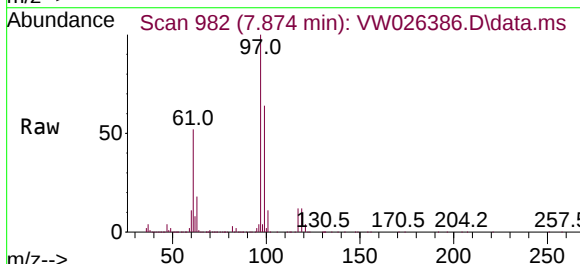
Delta R.T. 0.000 min

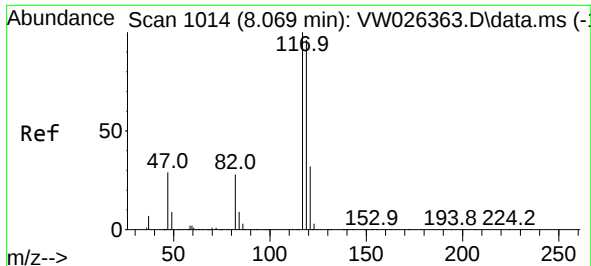
Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

Tgt Ion: 97 Resp: 395667

Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.8	76.2
61	52.2	41.4	62.2

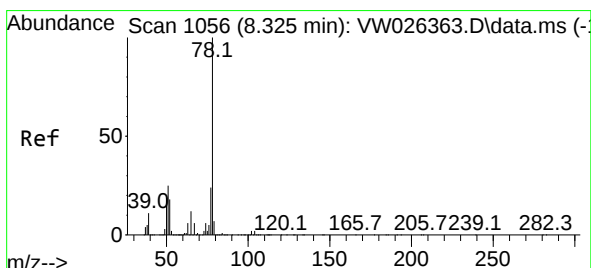
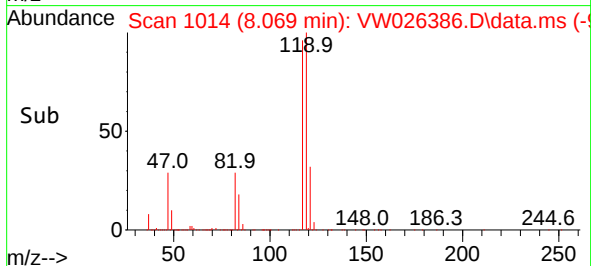
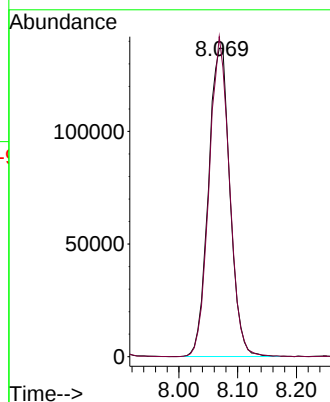
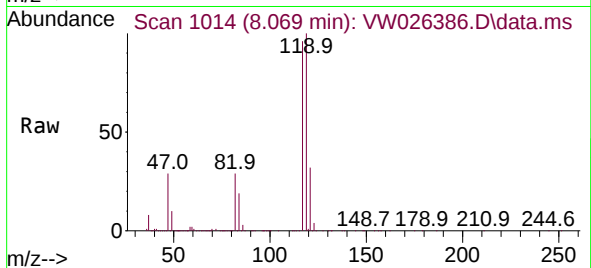




#31
Carbon tetrachloride
Concen: 25.665 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

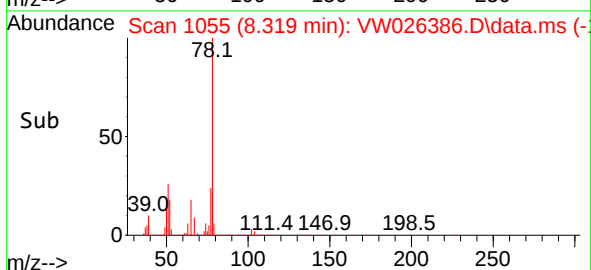
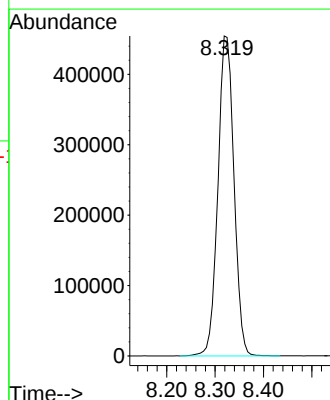
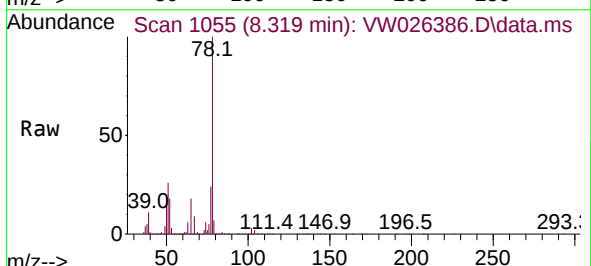
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

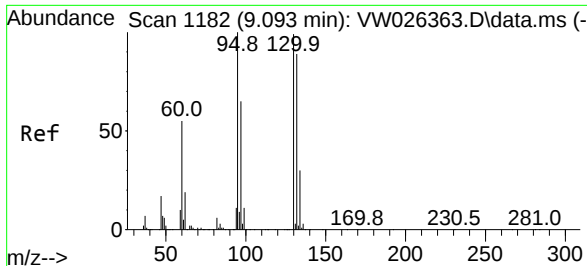
Tgt Ion:117 Resp: 349798
Ion Ratio Lower Upper
117 100
119 98.1 77.7 116.5



#33
Benzene
Concen: 24.763 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Tgt Ion: 78 Resp: 1048321





#34

Trichloroethene

Concen: 25.070 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

Tgt Ion: 95 Resp: 271744

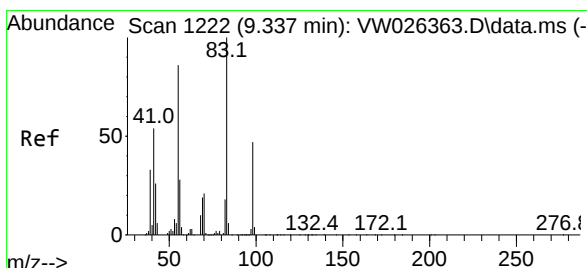
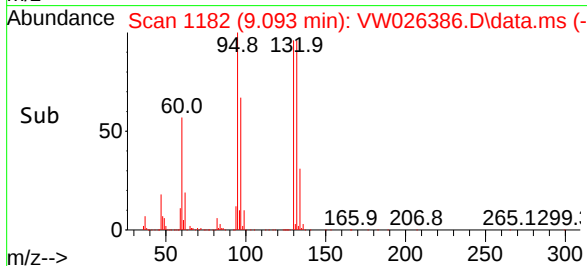
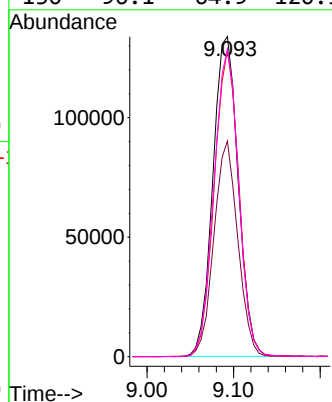
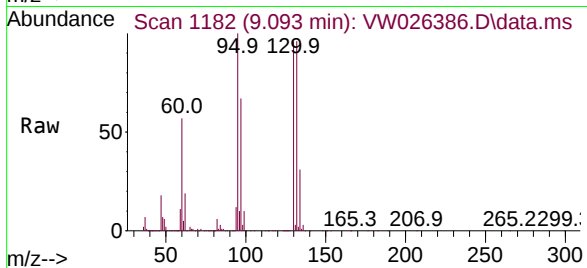
Ion Ratio Lower Upper

95 100

97 67.4 44.5 82.7

132 95.9 63.3 117.5

130 96.1 64.9 120.5



#35

Methylcyclohexane

Concen: 27.413 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

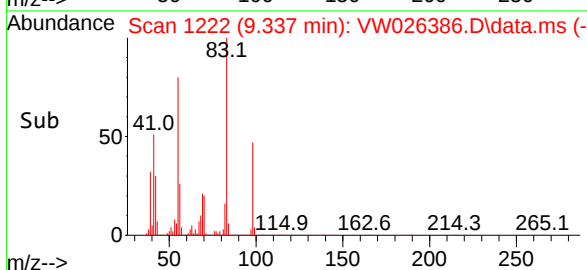
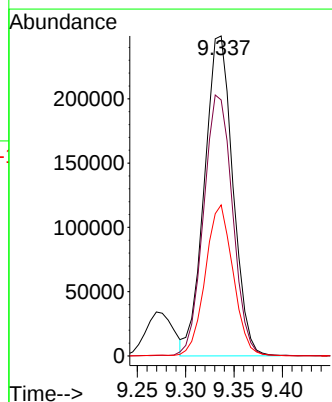
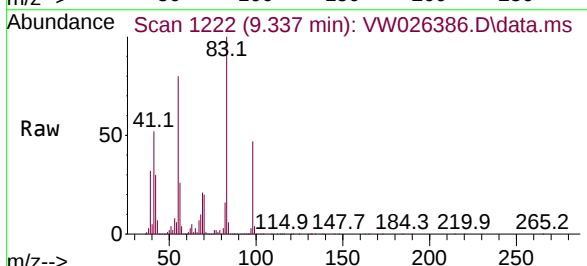
Tgt Ion: 83 Resp: 509546

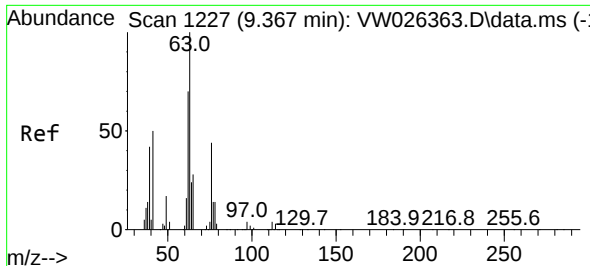
Ion Ratio Lower Upper

83 100

55 83.1 68.8 103.2

98 46.1 37.8 56.6

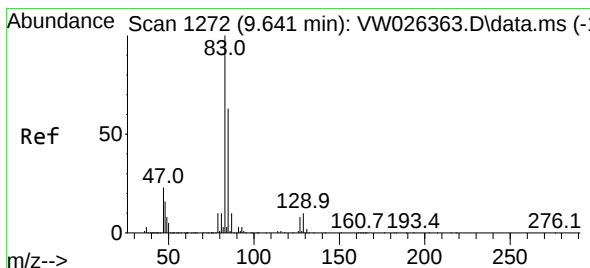
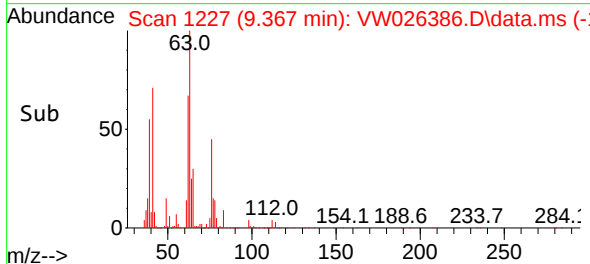
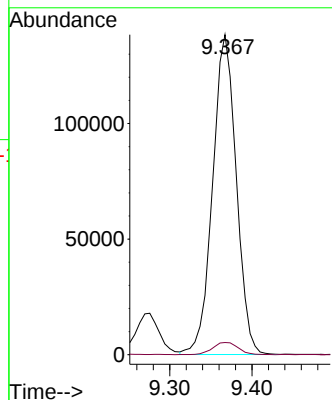
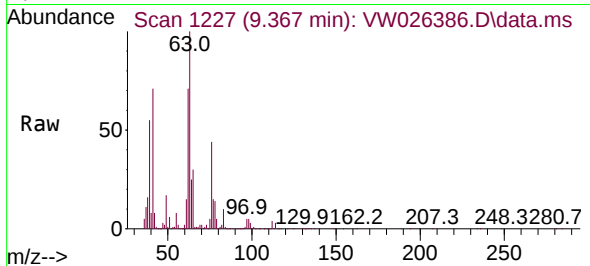




#37
1,2-Dichloropropane
Concen: 23.365 ug/L
RT: 9.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

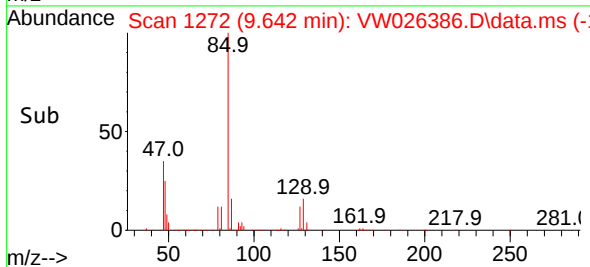
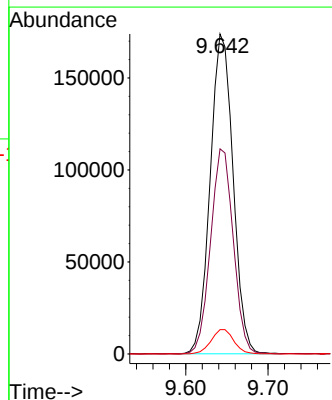
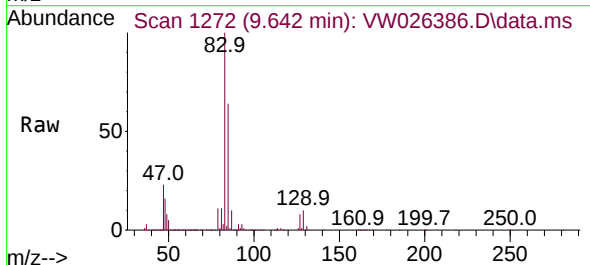
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

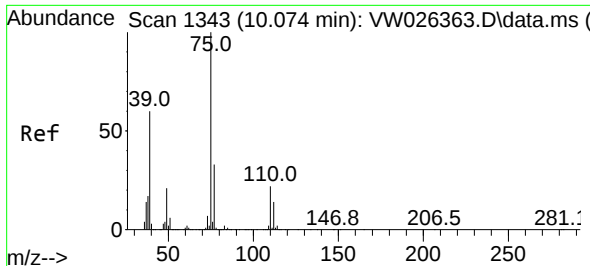
Tgt Ion: 63 Resp: 276362
Ion Ratio Lower Upper
63 100
112 4.2 3.0 4.6



#38
Bromodichloromethane
Concen: 24.723 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Tgt Ion: 83 Resp: 335808
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.5
127 7.6 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.445 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

Instrument :

MSVOA_W

ClientSampleId :

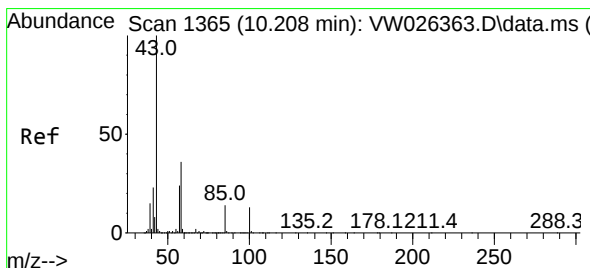
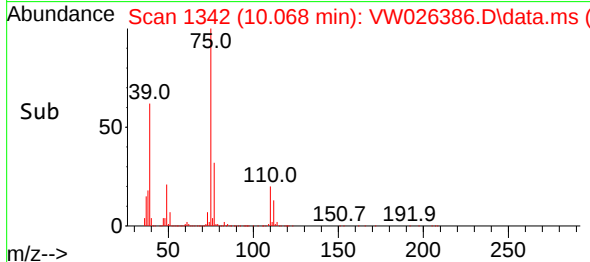
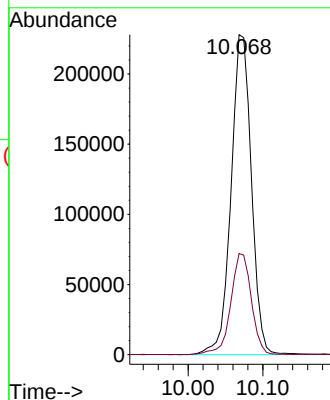
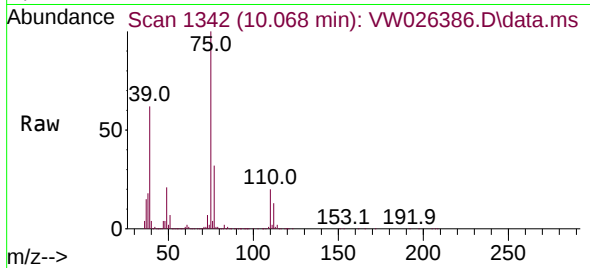
VSTD025539

Tgt Ion: 75 Resp: 431200

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 47.555 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

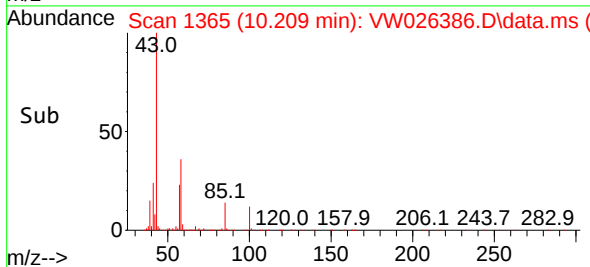
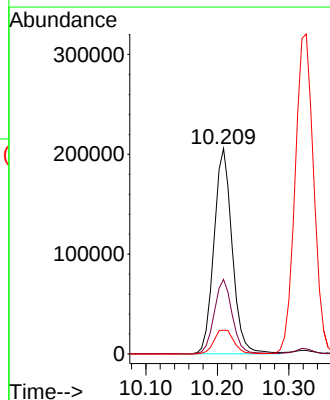
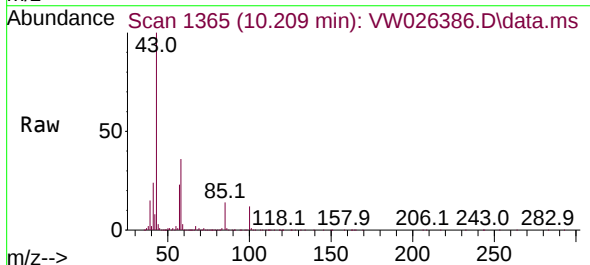
Tgt Ion: 43 Resp: 363057

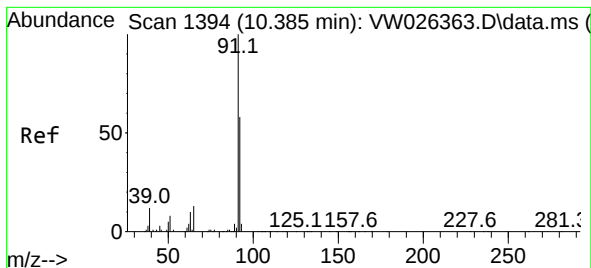
Ion Ratio Lower Upper

43 100

58 36.2 28.6 42.8

100 12.9 9.9 14.9





#42

Toluene

Concen: 26.068 ug/L

RT: 10.385 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

Instrument :

MSVOA_W

ClientSampleId :

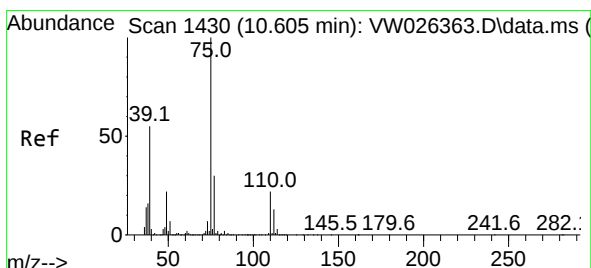
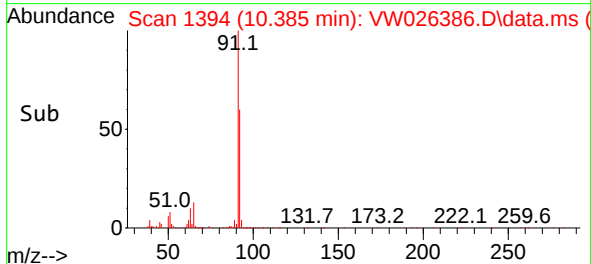
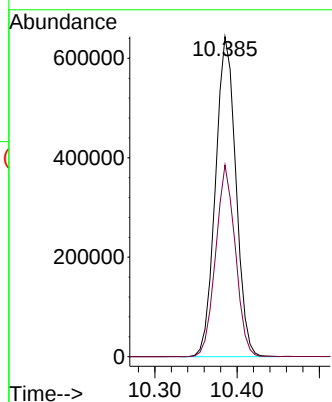
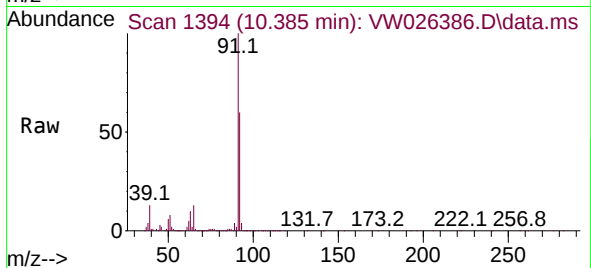
VSTD025539

Tgt Ion: 91 Resp: 1107079

Ion Ratio Lower Upper

91 100

92 59.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 25.665 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026386.D

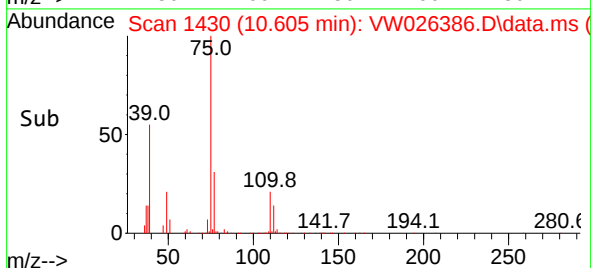
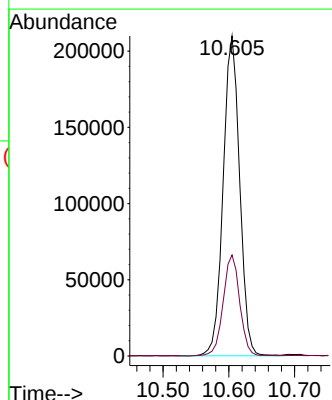
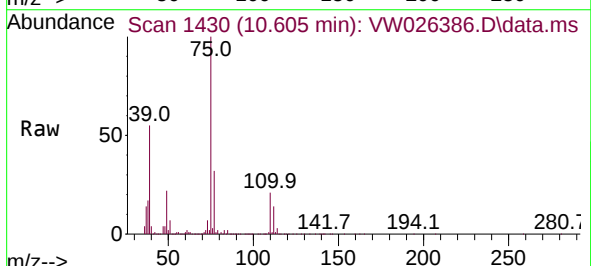
Acq: 28 Jun 2023 09:25

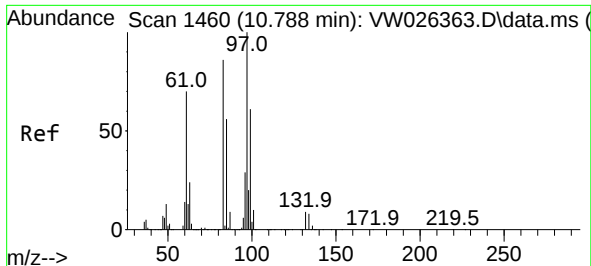
Tgt Ion: 75 Resp: 367117

Ion Ratio Lower Upper

75 100

77 31.6 21.6 40.2



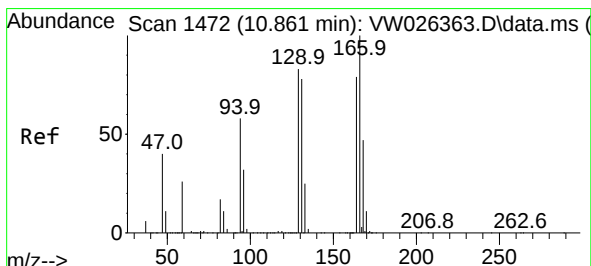
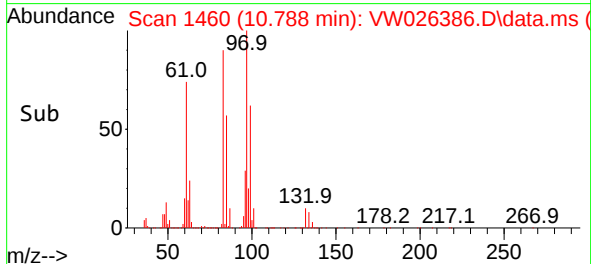
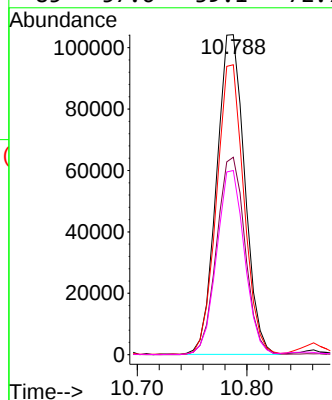
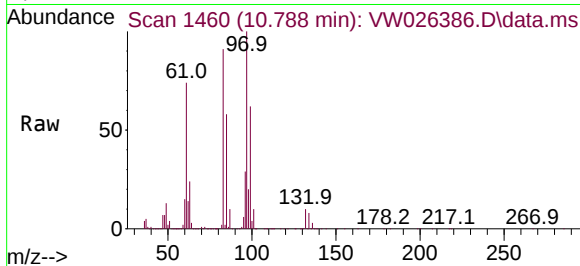


#45
1,1,2-Trichloroethane
Concen: 23.490 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

Tgt Ion: 97 Resp: 186029

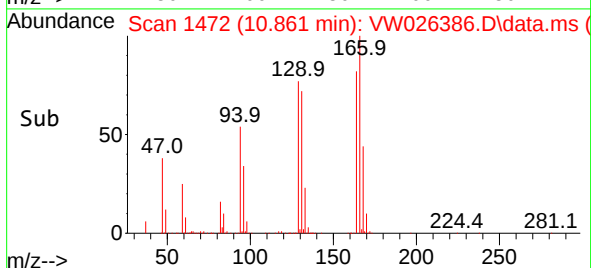
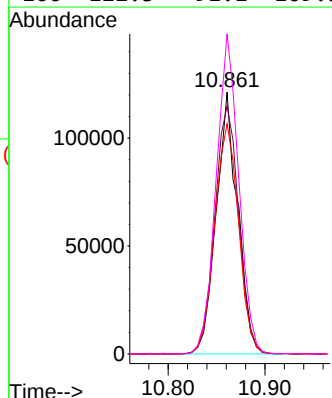
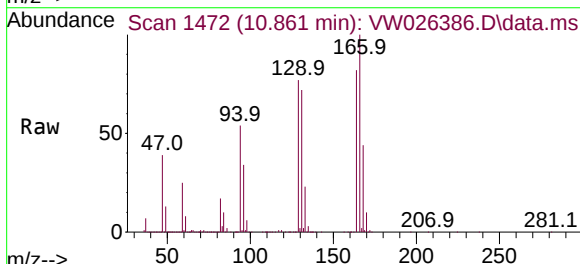
Ion	Ratio	Lower	Upper
97	100		
99	61.7	42.4	78.6
83	90.6	60.8	113.0
85	57.6	39.1	72.7

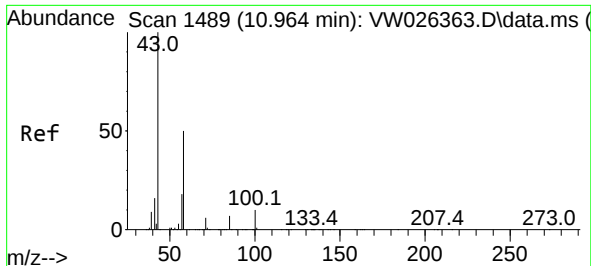


#46
Tetrachloroethene
Concen: 24.577 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Tgt Ion:164 Resp: 187682

Ion	Ratio	Lower	Upper
164	100		
129	94.7	73.8	137.0
131	87.9	69.0	128.2
166	122.3	91.1	169.3

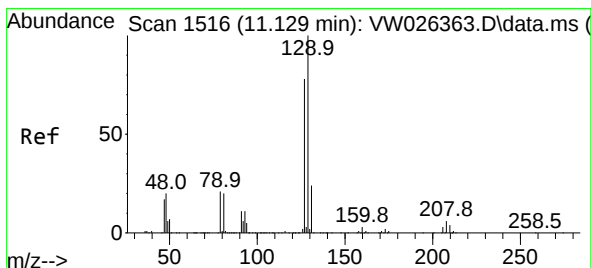
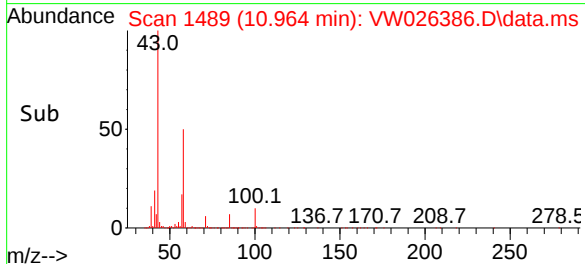
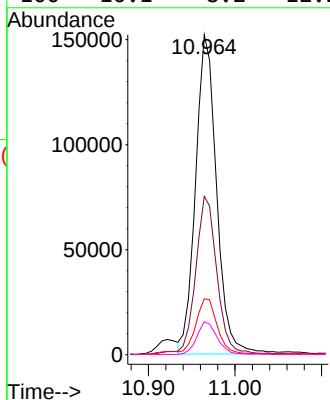
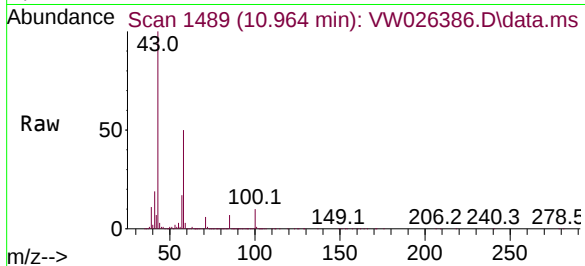




#48
2-Hexanone
Concen: 47.659 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

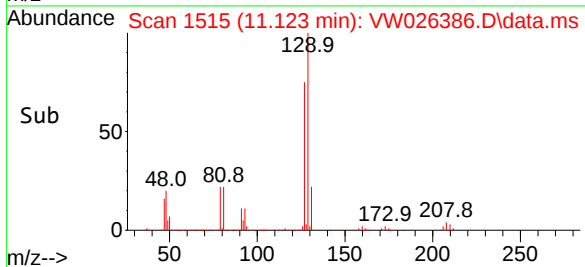
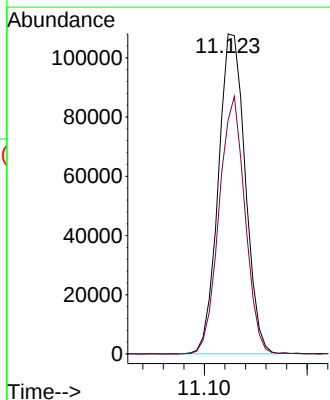
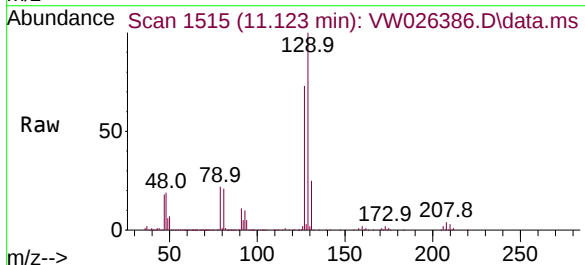
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

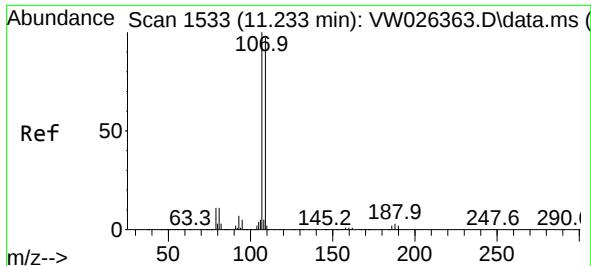
Tgt Ion: 43 Resp: 256730
Ion Ratio Lower Upper
43 100
58 49.7 40.1 60.1
57 17.9 13.4 20.0
100 10.1 8.2 12.2



#49
Dibromochloromethane
Concen: 24.204 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Tgt Ion: 129 Resp: 196274
Ion Ratio Lower Upper
129 100
127 73.1 54.4 101.0





#50

1,2-Dibromoethane

Concen: 23.937 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

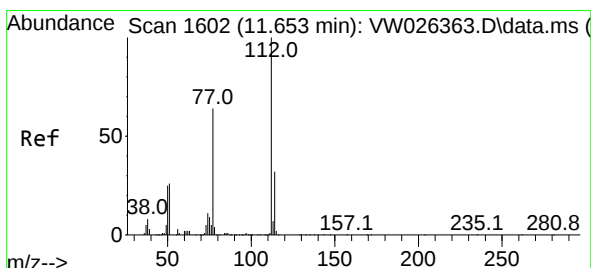
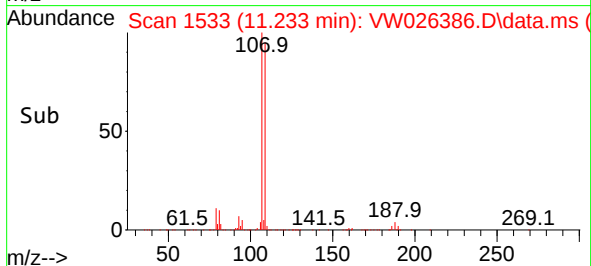
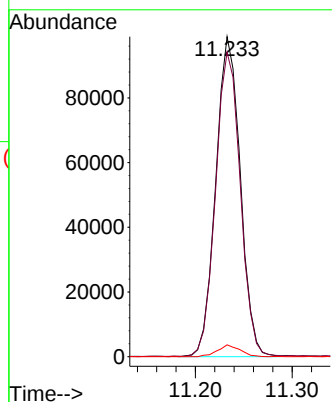
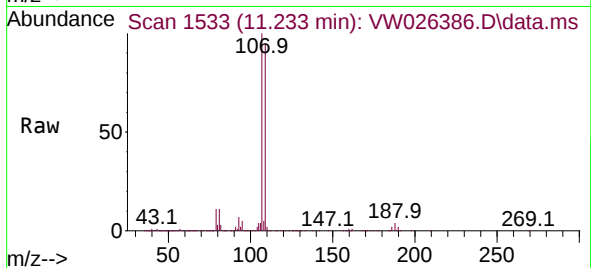
Tgt Ion:107 Resp: 174040

Ion Ratio Lower Upper

107 100

109 95.1 67.1 124.5

188 3.7 2.6 3.8



#51

Chlorobenzene

Concen: 24.452 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

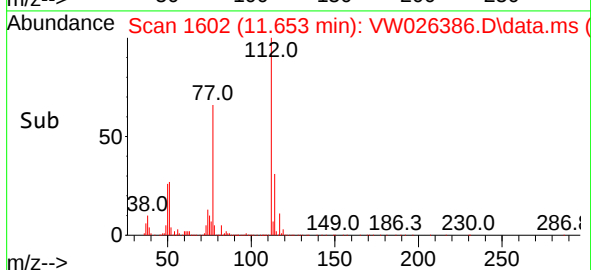
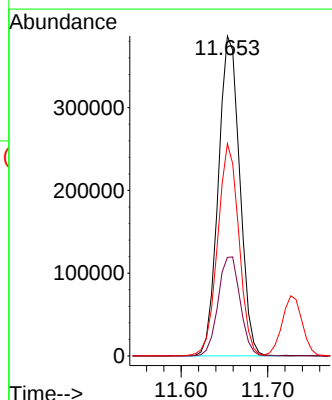
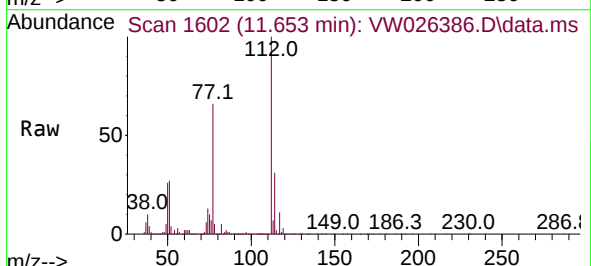
Tgt Ion:112 Resp: 662378

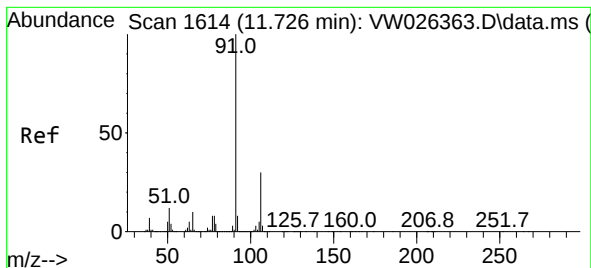
Ion Ratio Lower Upper

112 100

114 30.8 23.0 42.8

77 66.4 53.2 79.8

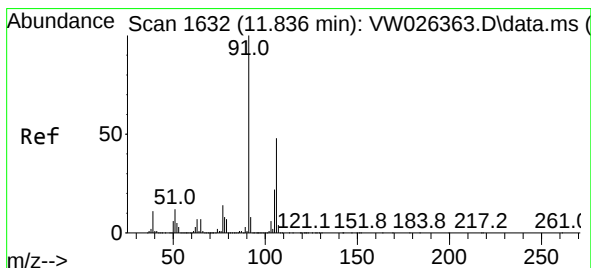
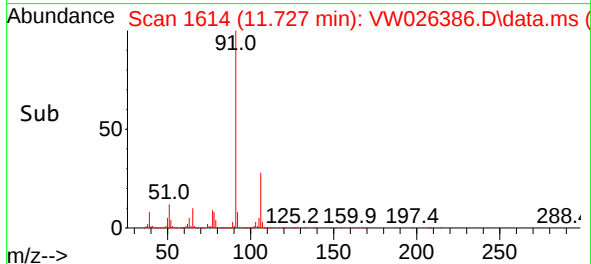
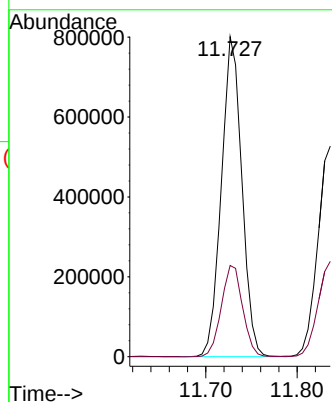
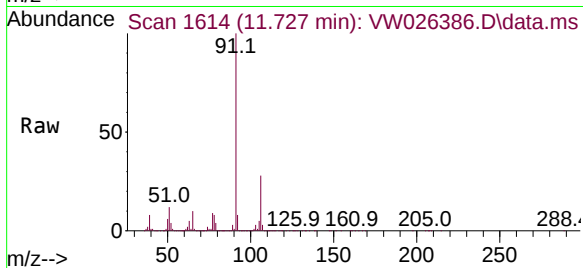




#52
Ethylbenzene
Concen: 26.067 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

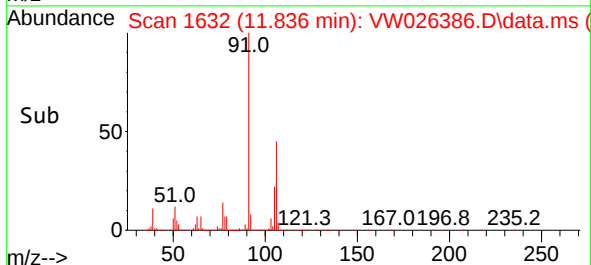
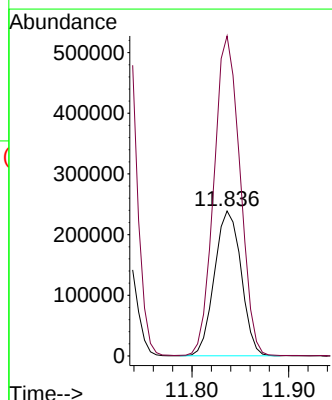
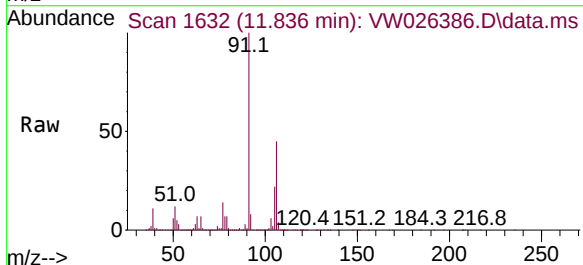
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

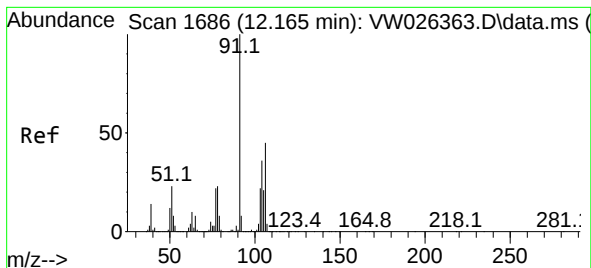
Tgt Ion: 91 Resp: 1247429
Ion Ratio Lower Upper
91 100
106 28.5 19.9 36.9



#53
m,p-Xylene
Concen: 26.244 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Tgt Ion: 106 Resp: 458029
Ion Ratio Lower Upper
106 100
91 220.8 152.1 282.5





#54

o-Xylene

Concen: 26.732 ug/L

RT: 12.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

Instrument :

MSVOA_W

ClientSampleId :

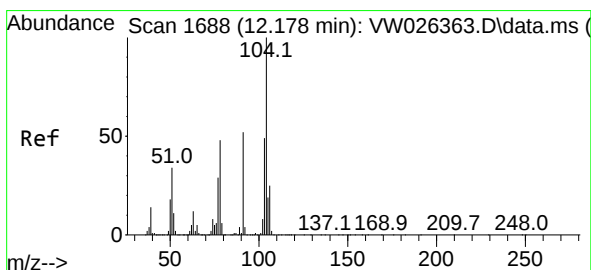
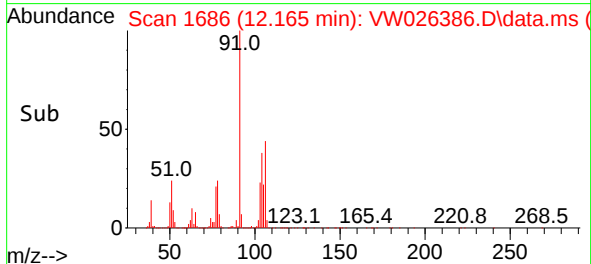
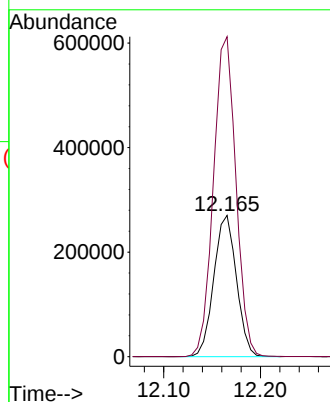
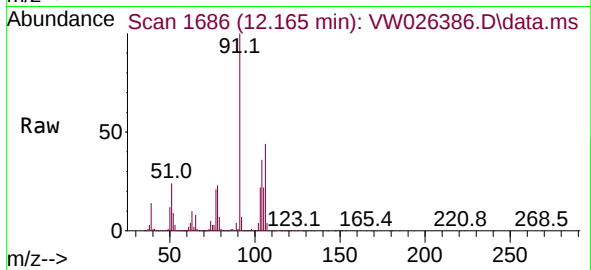
VSTD025539

Tgt Ion:106 Resp: 439275

Ion Ratio Lower Upper

106 100

91 226.5 161.5 299.9



#55

Styrene

Concen: 26.092 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026386.D

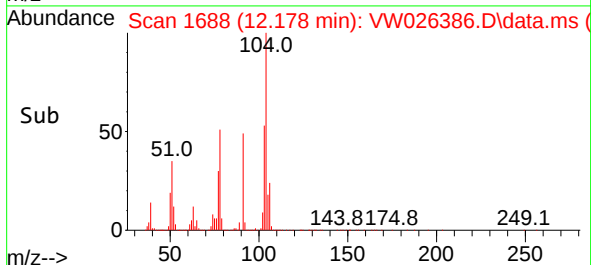
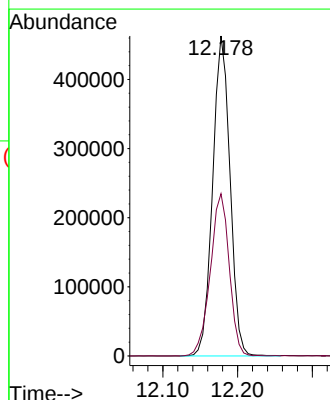
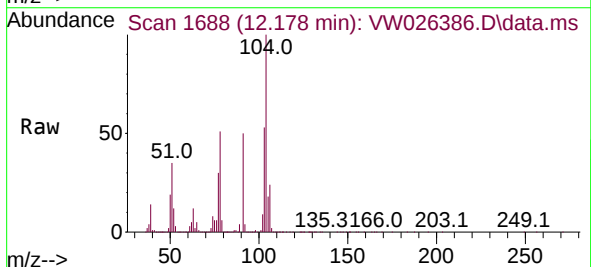
Acq: 28 Jun 2023 09:25

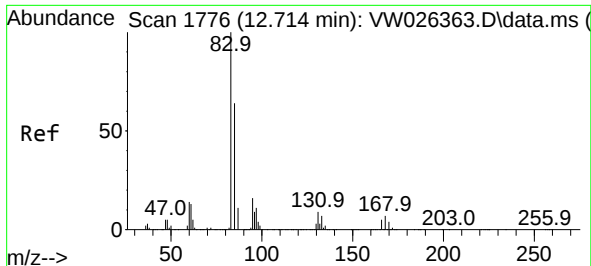
Tgt Ion:104 Resp: 747817

Ion Ratio Lower Upper

104 100

78 50.7 33.3 61.9





#57

1,1,2-Tetrachloroethane

Concen: 23.028 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

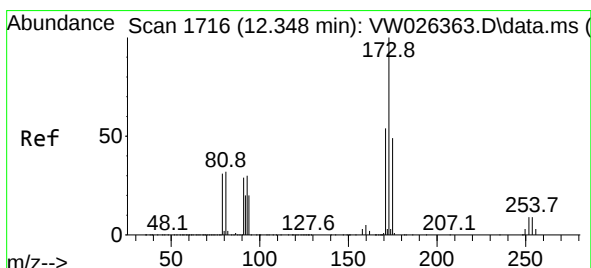
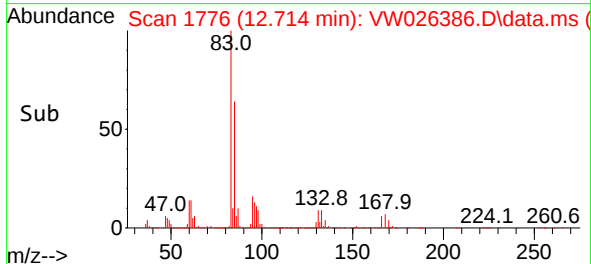
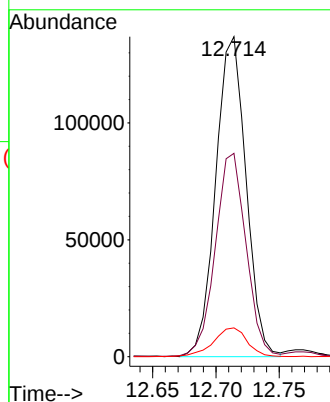
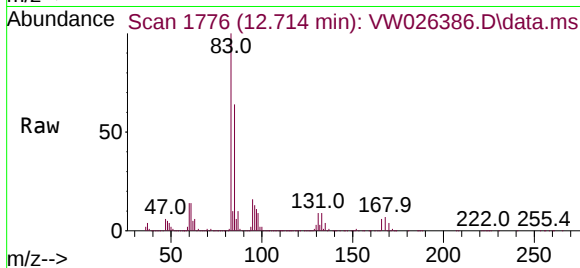
Tgt Ion: 83 Resp: 227957

Ion Ratio Lower Upper

83 100

85 63.6 43.7 81.1

131 9.0 7.4 11.0



#59

Bromoform

Concen: 23.107 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

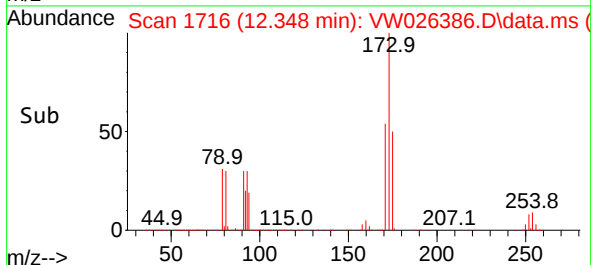
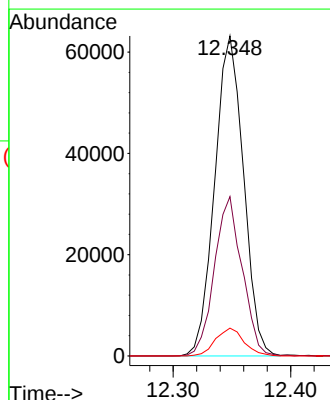
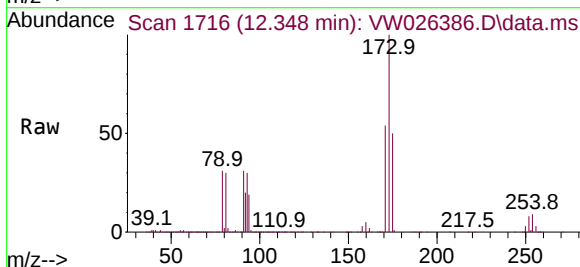
Tgt Ion:173 Resp: 107691

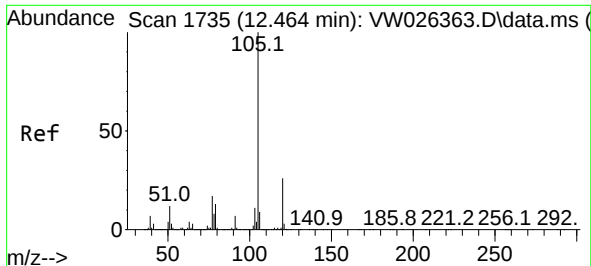
Ion Ratio Lower Upper

173 100

175 47.9 39.7 59.5

254 8.6 7.1 10.7

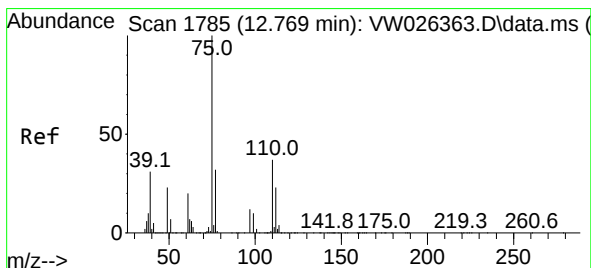
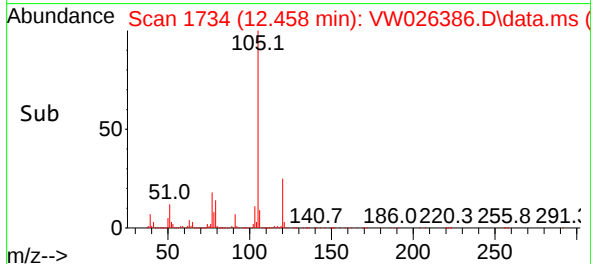
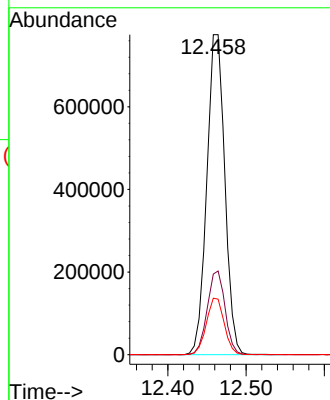
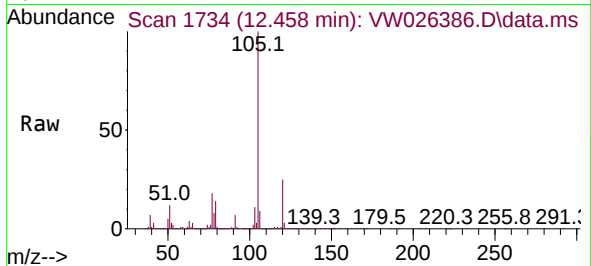




#60
Isopropylbenzene
Concen: 26.674 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

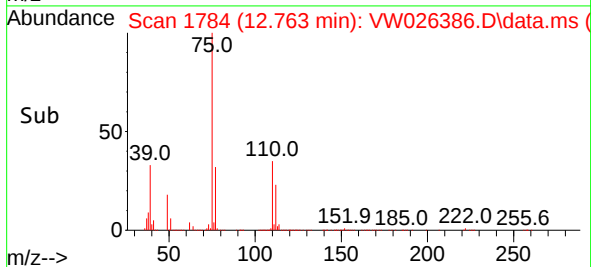
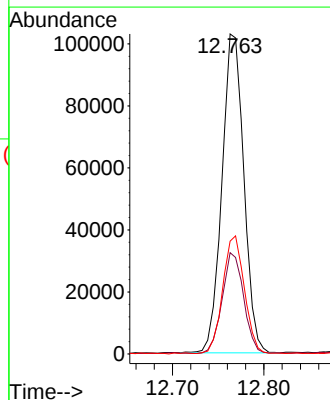
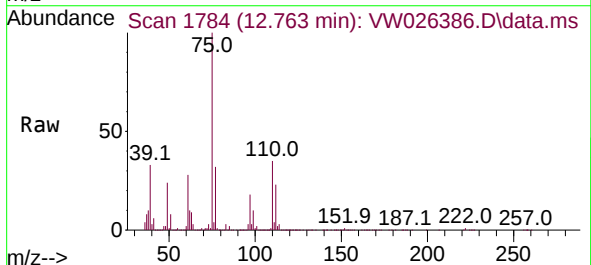
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

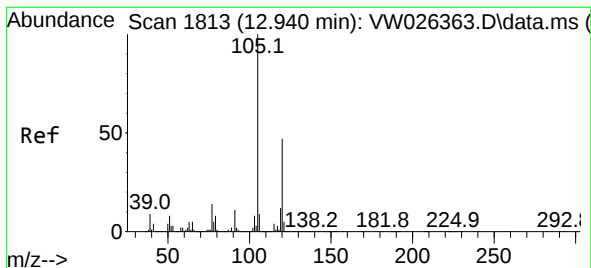
Tgt Ion:105 Resp: 1235091
Ion Ratio Lower Upper
105 100
120 25.9 20.4 30.6
77 17.5 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 22.902 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Tgt Ion: 75 Resp: 171512
Ion Ratio Lower Upper
75 100
77 30.9 25.9 38.9
110 36.4 29.4 44.0

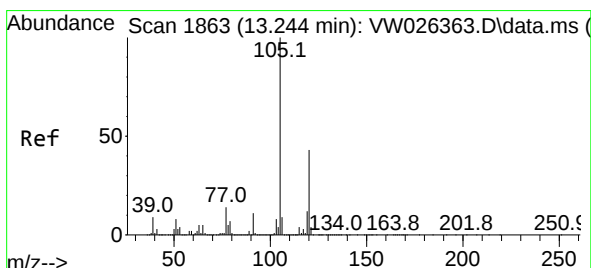
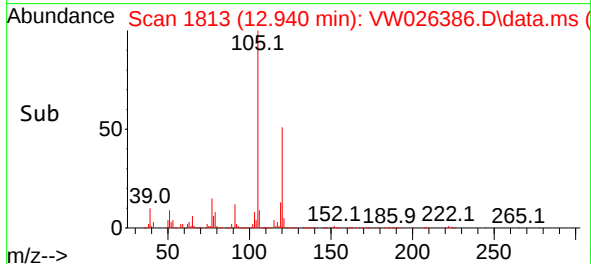
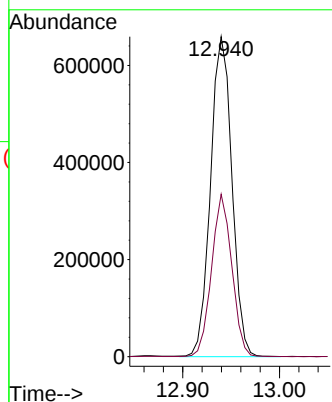
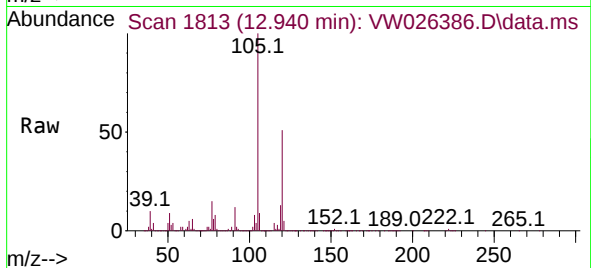




#62
1,3,5-Trimethylbenzene
Concen: 28.295 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

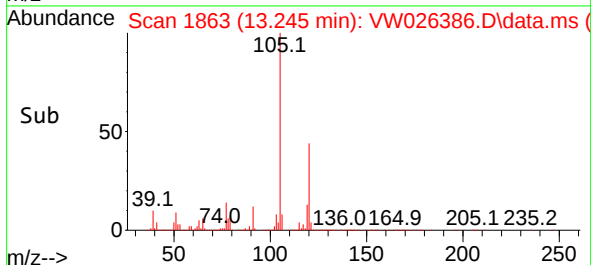
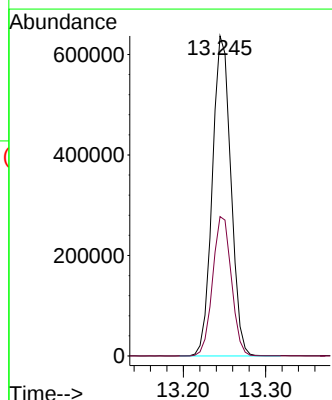
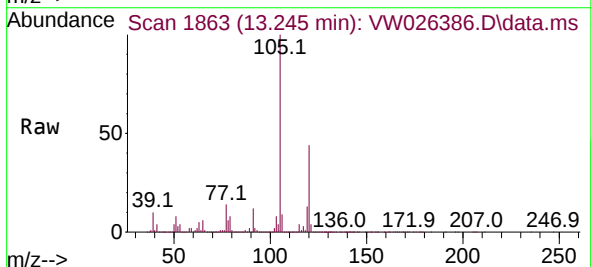
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

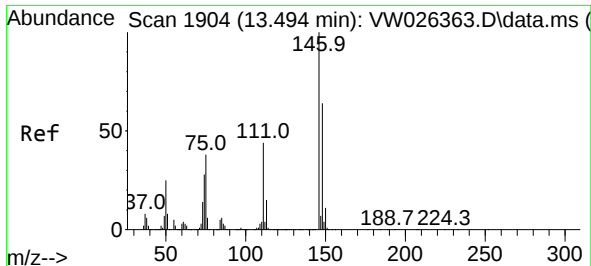
Tgt Ion:105 Resp: 1015586
Ion Ratio Lower Upper
105 100
120 47.9 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 28.858 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Tgt Ion:105 Resp: 999016
Ion Ratio Lower Upper
105 100
120 44.1 35.0 52.6

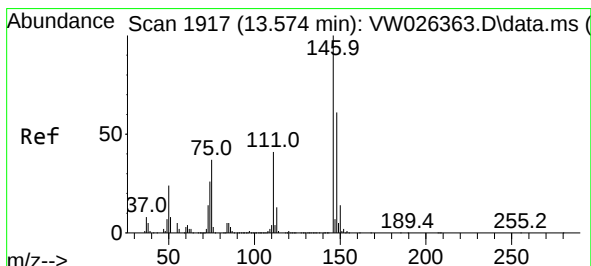
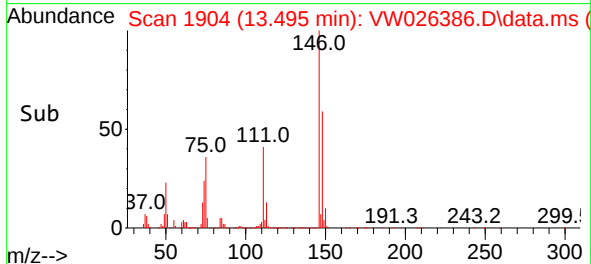
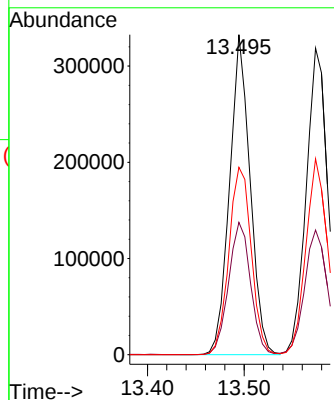
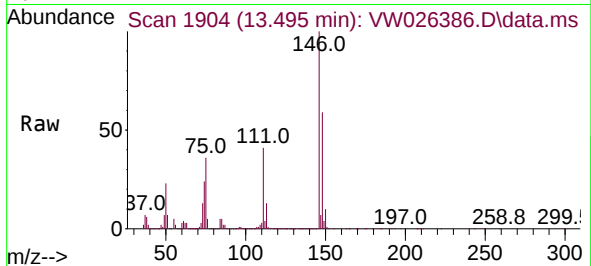




#64
1,3-Dichlorobenzene
Concen: 24.676 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

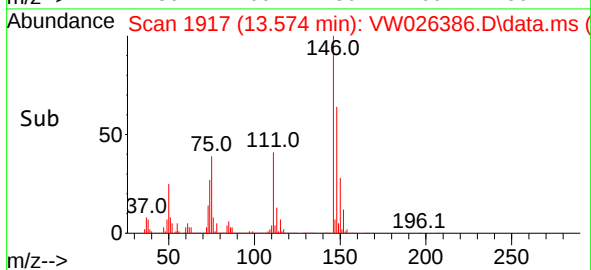
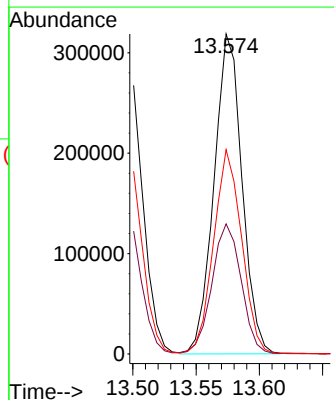
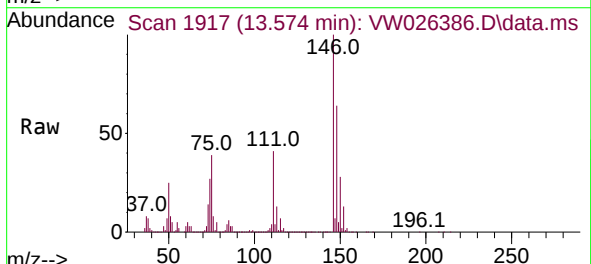
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

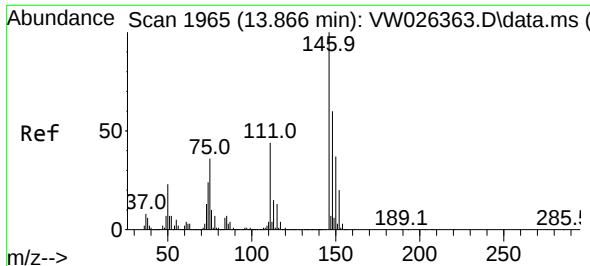
Tgt Ion:146 Resp: 489371
Ion Ratio Lower Upper
146 100
111 41.4 30.8 57.2
148 58.5 43.3 80.3



#65
1,4-Dichlorobenzene
Concen: 24.730 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026386.D
Acq: 28 Jun 2023 09:25

Tgt Ion:146 Resp: 490822
Ion Ratio Lower Upper
146 100
111 40.7 30.0 55.8
148 63.9 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 23.533 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

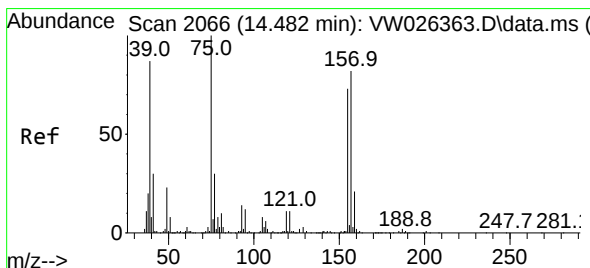
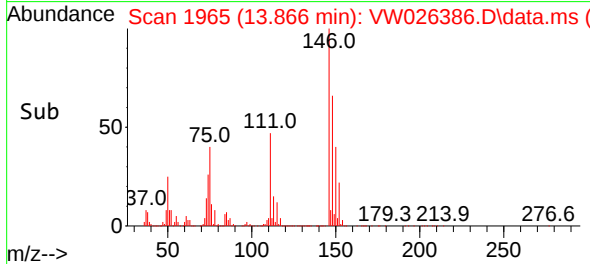
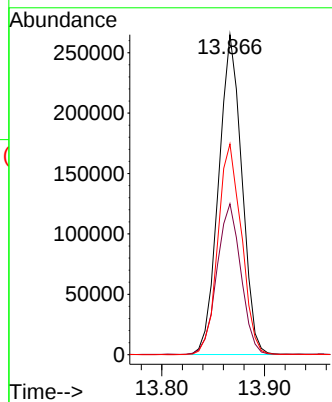
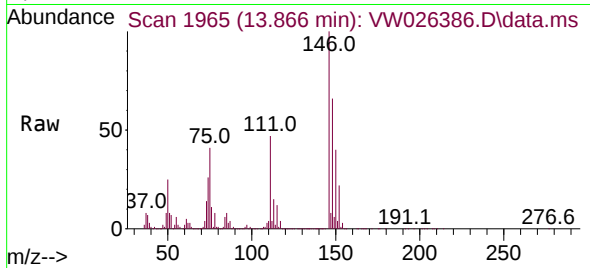
Tgt Ion:146 Resp: 415673

Ion Ratio Lower Upper

146 100

111 47.1 36.0 54.0

148 65.8 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 26.255 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

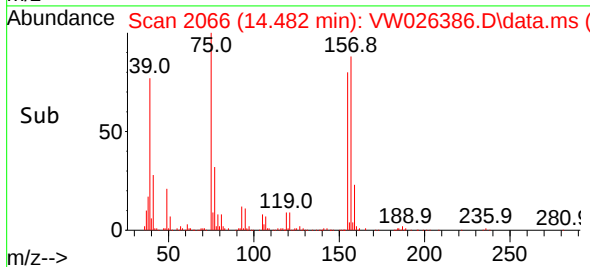
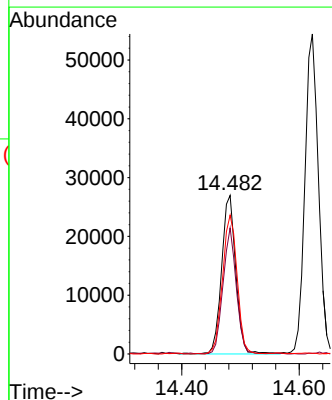
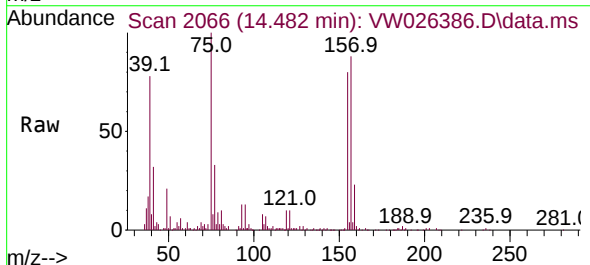
Tgt Ion: 75 Resp: 45317

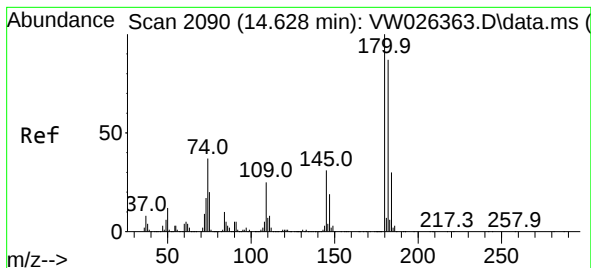
Ion Ratio Lower Upper

75 100

155 79.6 57.5 86.3

157 87.6 73.4 110.0





#69

1,3,5-Trichlorobenzene

Concen: 30.639 ug/L

RT: 14.628 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

Tgt Ion:180 Resp: 390453

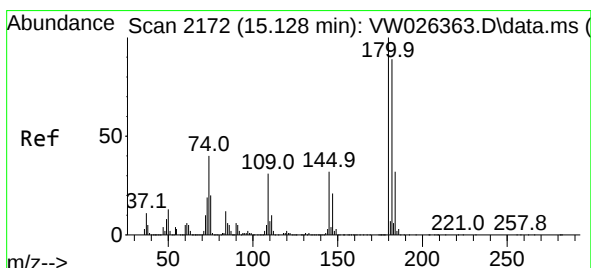
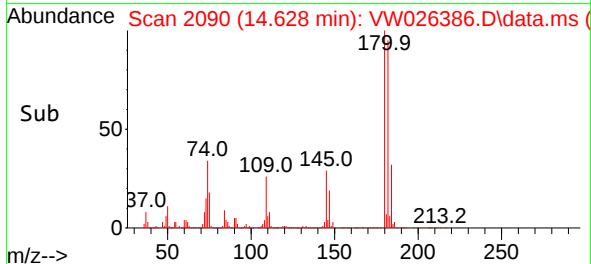
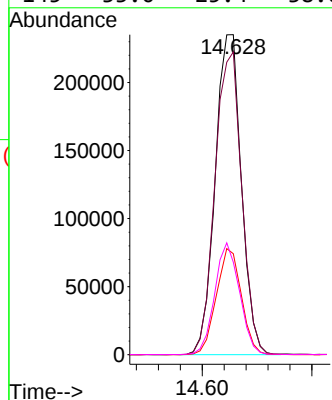
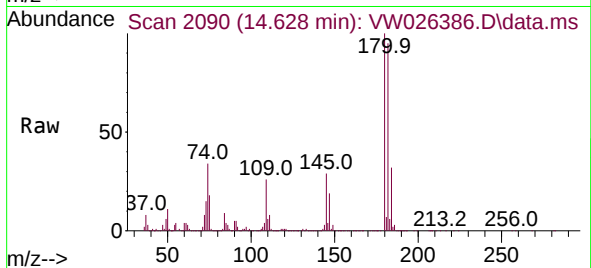
Ion Ratio Lower Upper

180 100

182 96.4 74.2 111.4

184 31.7 23.8 35.6

145 33.0 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 31.437 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

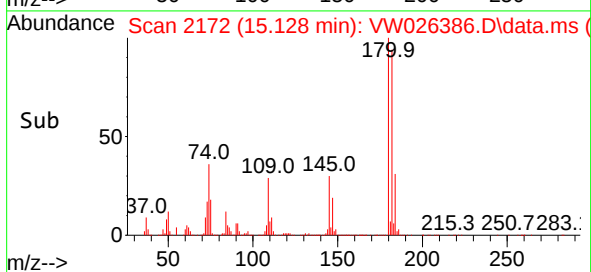
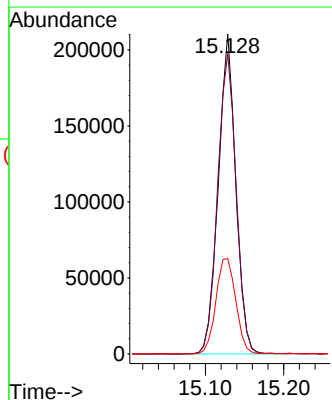
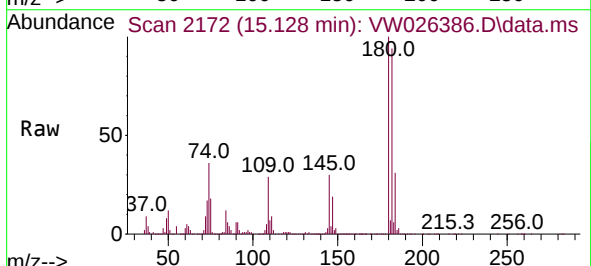
Tgt Ion:180 Resp: 327864

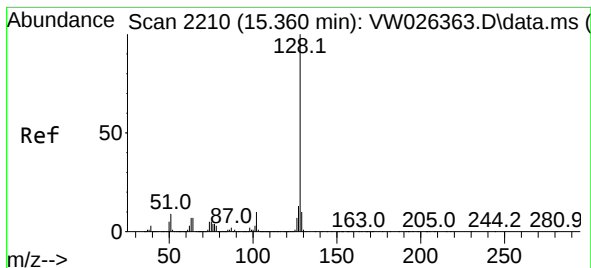
Ion Ratio Lower Upper

180 100

182 98.9 75.6 113.4

145 33.7 24.7 37.1





#71

Naphthalene

Concen: 33.348 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

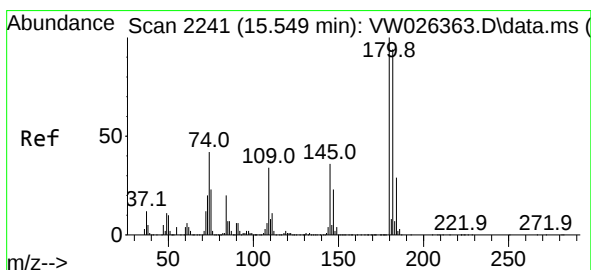
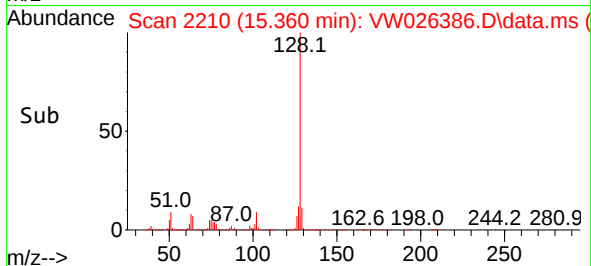
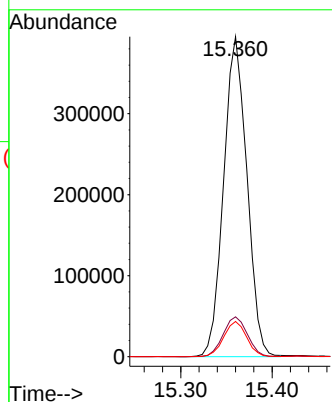
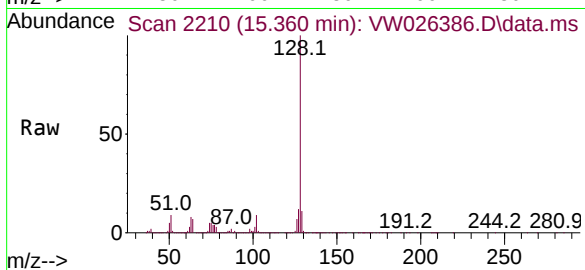
Tgt Ion:128 Resp: 699127

Ion Ratio Lower Upper

128 100

127 12.9 10.9 16.3

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 28.821 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026386.D

Acq: 28 Jun 2023 09:25

Tgt Ion:180 Resp: 280630

Ion Ratio Lower Upper

180 100

182 94.3 75.0 112.6

145 35.0 28.5 42.7

